

UNIVERSITY PENNSYLVANIA LIBRARIES



Mindered Chris





THE SEVENTEENTH ARCHITECTURAL EXHIBITION

1911

HELD BY

THE PHILADELPHIA CHAPTER AMERICAN INSTITUTE OF ARCHITECTS

AND

THE T SQUARE CLUB

UNDER THE PATRONAGE
AND IN THE GALLERIES OF

THE PENNSYLVANIA ACADEMY OF THE FINE ARTS

FOUNDED 1805

BROAD AND CHERRY STREETS, PHILADELPHIA

APRIL 16th to MAY 14th

PUBLISHED BY

THE EXHIBITION BOARD

THE EXHIBITION BOARD-1911

JOHN MOLITOR, Chairman, 1309 Walnut Street, Philadelphia

M. B. MEDARY, Jr., Treasurer

C. A. ZIEGLER, Secretary

J. H. RANKIN, C. L. BORIE, Jr., J. P. B. SINKLER, HERBERT C. WISE COLLIER STEVENSON, Ass't Secretary



Copyright 1911 BY JOHN MOLITOR

GEORGE F. LASHER, PRINTER, PHILADELPHIA

FOREWORD

THE EXHIBITION BOARD ACKNOWLEDGES ITS INDEBTEDNESS
TO THE ARCHITECTS AND THE ARTISTS WHO HAVE COOPERATED BY LOANING THEIR WORKS FOR THE EXHIBITION, AND ALSO TO THE ADVERTISERS FOR THEIR LIBERAL SUPPORT WHICH HAS CONTRIBUTED LARGELY TO THE SUCCESSFUL
PRODUCTION OF THIS YEAR BOOK.

THE ATTENTION OF ARCHITECTS AND ALL OTHERS INTERESTED IN THIS PUBLICATION IS DIRECTED TO THE ADVERTISING SECTION, IN WHICH WILL BE FOUND MUCH VALUABLE MATERIAL FOR CONSTANT REFERENCE.

 ${
m F}^{
m or}$ further consideration, we particularly recommend the permanent exhibition of

THE MASTER BUILDERS' EXCHANGE
SEVENTH STREET SOUTH OF MARKET STREET
PHILADELPHIA

WHERE THE ARCHITECT AND THE CLIENT MAY SEE A MOST COM-PLETE AND INSTRUCTIVE DISPLAY OF ALL BRANCHES OF THE BUILDING INDUSTRY.



TERRA COTTA ORNAMENT ON N. Y. STATE EDUCATION BUILDING.

THE WALTER COPE MEMORIAL PRIZE

Endowed in the memory of the late Walter Cope, and awarded annually by the T Square Club to the winner of a competition in Municipal Improvement or Landscape Architecture. It is of a value of about seventy-five dollars, the sum being expended in Architectural books chosen in consultation with the Executive Committee of the T Square Club.

THIS PRIZE HAS BEEN WON BY:

1904 Ward, Henry B. 1907 Smith, Francis Palmer 1905 Sauer, Andrew J. 1908 Simon, Grant M. 1906 Cope, C. Edgar 1909 Rieger, Henry Edwin 1910 Keast, Wm. Richard M.

Subject of the Eighth Competition

THE TREATMENT OF A CITY BLOCK OF TWO-STORY BUILDINGS
WON 1911 BY A. RAYMOND HOLLAND

THE JOHN STEWARDSON MEMORIAL SCHOLARSHIP IN ARCHITECTURE

FOUNDED 1897

(Prior to 1897 the Travelling Scholarship of the University of Penna.)

Endowed in the memory of the late John Stewardson and awarded every year or alternate year by a Managing Committee, consisting of one member of the Board of Trustees of the University of Pennsylvania, one member of the Corps of Instruction of the School of Architecture of the said University, and three practicing Architects of the City of Philadelphia, two representing respectively the Philadelphia Chapter of the American Institute of Architects and the T Square Club of Philadelphia, and the third being elected by the four other Members of the Managing Committee. It is of a value of one thousand dollars, the sum being expended in pursuing Architectural study either in the United States or in other countries. Preliminary examinations are required except for graduates of any recognized School of Architecture. Open to any person or persons under 30 years of age, who shall have studied or practiced Architecture in the State of Pennsylvania for the period of at least one year immediately preceding.

The Management of the John Stewardson Memorial Scholarship in Architecture, announce that the scholarship will be given this year and that the examinations will begin on May 10th, 1911. Further particulars in regard to the examinations, and as to the qualifications of candidates may be had upon application to Prof. Warren P. Laird, University of Pennsylvania.

THIS PRIZE HAS BEEN WON BY:

- 18	893	Jamieson, James P.	1902	MOLITOR, JOHN
18	894	PAGE, GEORGE BISPHAM	1903	JUDELL, WALTER W.
18	895	ASH, PERCY	1904	SPOERL, CHRISTIAN GEORGE
18	896	KELSEY, ALBERT	1905	HOWELL, CARL EUGENE
18	897	Duhring, Jr., Herman Louis	1906	SHARPLEY, WILLIAM W.
18	898	HAYS, WILLIAM CHARLES	1907	No Award
18	899	Brockie, Arthur Howell	1908	SCHWAB, HARVEY ARTHUR
-19	900	GITHENS, ALFRED MORTON	1909	SIMON, GRANT M.
- 19	901	Hoover, Ira Wilson	1910	Di Nardo, Antonio

MANAGEMENT OF THE PENNSYLVANIA ACADEMY OF THE FINE ARTS

President
John Frederick Lewis

Vice-President
CLEMENT B. NEWBOLD

Honorary Vice-President E. Burgess Warren

Directors

THEOPHILUS P. CHANDLER
HERBERT M. HOWE, M. D.
GEORGE H. McFADDEN
CLEMENT B. NEWBOLD
EDWARD T. STOTESBURY
THEODORE N. ELY

ALFRED C. HARRISON
CLARENCE C. ZANTZINGER
GEORGE D. WIDENER
T. DEWITT CUYLER
ARTHUR H. LEA
CHARLEMAGNE TOWER

FRANK H. CAVEN

Treasurer George H. McFadden

Secretary and Manager John E. D. Trask

Assistants

HARRY P. RHOADS

JOHN G. DUNLAP

Curator of Schools Charles F. Ramsey

Solicitor
John G. Johnson

SEVENTEENTH ARCHITECTURAL EXHIBITION

- ALBRO & LINDEBERG, 481 Fifth Avenue, New York.
 - 1. Residence of F. G. Schmidt, Esq., Kingston, N. Y., and examples of other domestic work.
 - Estate of Dr. Ernest Fahnestock, at Shrewsbury, N. J.
 - Estate of Dr. Ernest Falmestock, at Sinch source, N. J.
 Estate of James A. Stillman, Esq., at Pocantico Hills, N. Y.
 Residence of Tracy Dows, Esq., at Rhinebeck, N. Y.
 Houses at Hewlett, Long Island, N. Y.

BAILY & BASSETT,

- 421 Chestnut Street, Philadelphia.
- 6. "Eastfield" (Residence) Villa Nova, Pa.
 7. "Overview" (Stable) Villa Nova, Pa.
 8. "Overview" (Residence) Villa Nova, Pa.

- 9. "Underhill," Residence of Philip L. Spalding, Esq., Villa Nova, Pa.

BAKER & DALLETT,

- 1629 Chestnut Street, Philadelphia.
- 10. House at Paoli, Pa.
- 11. Third National Bank, Broad & Market Sts., Phila.

BISHOP, E. C.,

1609 Summer Street, Philadelphia.

12. Sketch Model for Mural Fountain.

BISSELL & SINKLER,

- 805 Bailey Building, Philadelphia.
- 13. House for the Phi Kappa Sigma Fraternity, Philadelphia, 36th &

- 14. Confederate Memorial Institute, Richmond, Va. Floor Plans.
 15. Confederate Memorial Institute, Richmond, Va. Front Elevation.
 16. Confederate Memorial Institute, Richmond, Va. Longitudinal Section.
- 17. Confederate Memorial Institute, Richmond, Va. Perspective View.

BITTER, KARL,

- 44 West Seventy-seventh Street, New York City.
- 18. Photograph of the West Wing Pediment, Wisconsin State Capitol.
- 19. Photograph of Memorial Fountain for Dayton, Ohio.

BLISS & FAVILLE,

- 1001 Balboa Building, San Francisco, Cal.
- 20. First Floor Plan, Competition for Bldg., for Department of Justice.
- 21. Second Story Plan—Third Floor Plan—Competition for Bldg., for Department of Justice.
- 22. North Elevation-West Elevation-Longitudinal Section-Competition for Bldg. for Department of Justice.

BLITHE, WESLEY LESHER,

- 608 Chestnut Street, Philadelphia.
- 23. Tennant Memorial Presbyterian Church.
- 24. Fletcher Methodist Church.
- 25. Fletcher Methodist Episcopal Church (Exterior), Cor. 54th & Master St., Philadelphia.
- 26. Tennant Memorial Presbyterian Church (Exterior), Cor. 52d & Arch St., Philadelphia.

BOGGS, E. T., 136 South Fourth Street, Philadelphia.

- 27. Residence of Mrs. Howard Boyd.
- 28. Residence of M. L. March, Esq.
- 29. Mission Parish House, St. John's Church.

30. Suburban Residences.

BOYD, D. KNICKERBACKER, 139 South Fifteenth Street, Philadelphia.

- 31. Blooming Grove Hunting & Fishing Club, Glen Eyre, Pa.
- 32. Additions to the Thayer Residence, Haverford, Pa.

33. Residence at Wynnewood, Pa.

34. Building for use of the Radnor Presbyterian Church, Wayne, Pa.

BOYD, LAWRENCE VISSCHER, 1215 Harrison Building, Philadelphia.

- 35. House at Wynnewood, Pa., for Wilson McCandless, Esq., General Views.
- 36. Pair of Houses at Germantown,
- 37. Sketch of House at St. Martin's, Pa.
- 38. Wm. B. Stephens Free Library, Manayunk.
- 39. Model of "Business and Professional Club," Phila., Pa.

40. Model of Pair of Houses, Germantown.

41. Residence at Germantown, Pa., for Oswald J. DeRousse, Esq.

42. House at Germantown, Pa.

BRUNNER, ARNOLD W., 320 Fifth Avenue, New York.

- 43. Interior Views of Federal Bldg., Cleveland, Ohio.
- 44. Interior Views of Federal Bldg., Cleveland, Ohio.

45. Study of Towers, Toledo Bridge.

46. Exterior Views of Federal Bldg., Cleveland, Ohio.

BROWN, ETHEL PENNEWILL, 1305 Franklin Street, Wilmington, Del.

47. Decorative Figure, "Lillies."

BRIGHT, JOHN IRWIN, 1701 Chestnut Street, Philadelphia.
48. Bank and Office Building, Hazleton, Pa.

BROCKIE & HASTINGS, 328 Chestnut Street, Philadelphia.

49. Proposed Residence at Villa Nova, Pa.

50. Residence at Chestnut Hill, for Mr. Charles A. Newhall.

CARY, GEORGE, 184 Delaware Avenue, Buffalo, N. Y.

51. Building for Department of State.

COLLEGE OF ARCHITECTURE, Cornell University. Ithaca, N. Y.

- 52. A Waiting Room in a R. R. Station. Transverse Section.
- 53. A Renaissance Church. Plans.
- 54. A Renaissance Church. Elevations.
- 55. A Renaissance Church. Sections.
- 56. Building for National Bureau of Fine Arts. Plan.
- 57. Building for National Bureau of Fine Arts. Facade.
- 58. Building for National Bureau of Fine Arts. Section.
- 59. A Casino for a Country Club. Plan.

- 60. A Casino for a Country Club. Facade.
- 61. A Waiting Room in a R. R. Station. Longitudinal Section. 62. A Waiting Room in a R. R. Station. Plan and Facade.
- 63. A Casino for a Country Club. Facade. 64. A Casino for a Country Club. Plan.

COPE & STEWARDSON.

316 Walnut Street, Philadelphia.

- 65. Residence, Westmoreland Place, St. Louis, Mo.
- Residence at Brentwood, St. Louis, Mo.
- Residence near St. Louis, Mo.
- 68. Tower in New South Quadrangle Dormitories, University of Pennsylvania.
- 69. Tower in New South Quadrangle Dormitories, University of Pennsylvania.
- 70. Plan & Elevation—Dormitory House No. 29, University of Pennsylvania.

COPE, J. WALTER,

1532 North Gratz Street, Philadelphia.

- 71. Elevation of a Theological Seminary (Beaux Art Problem).
- 72. Plane Elevation Interior (Beaux Art Problem).
- 73. Design for a President's Room (Beaux Art Problem).

. COPE, C. EDGAR,

671 Bullitt Building, Philadelphia.

74. Measured Drawing Saint-Ettenn-Du-Mont, Paris.

CRAM, GOODHUE & FERGUSON.

170 Fifth Avenue, New York.

- 75. Study for Reredos, St. Thomas' Church, New York.
- 76. Post Headquarters U. S. M. A., West Point.
- 77. Interior Chapel U. S. M. A., West Point.
 78. Exterior Chapel U. S. M. A., West Point.
 79. Gymnasium U. S. M. A., West Point.
- 80. Rice Institute, Houston, Texas.
- 81. Chapel U. S. M. A., West Point.

CLARK, LAWRENCE,

1021 Witherspoon Building, Philadelphia.

- 82. Pazzi Chapel, Florence.
- DEARMOND, ASHMEAD & BICKLEY,

618 Chestnut Street, Philadelphia.

- 83. Competition for Confederate Memorial Bldg., Elevation, Richmond, Va.
- 84. Competition for Confederate Memorial Bldg., Plan, Richmond, Va.

D'ASCENZO STUDIOS, THE,

1608 Ludlow Street, Philadelphia.

- 85. Sketch for Crucifixion Window, St. Mark's Church, Frankford, Pa. Executed.
- Window for St. Joseph's Church, Dayton. 86.
- 87. Window for St. Mark's Church, Frankford, Pa.
- 88. Hall Elevation, Philadelphia Mint.
- 89. Window for St. Mark's Church, Frankford, Pa.
- 90. Ceiling Numismatic Room, Phila. Mint.
- 91. Sketch for Jesse Tree Window, St. Mark's Church, Frankford, Phila. Executed.

- 92. Venetian Glass Mosaic Pendentive, Luzerne Co. Court House, "Moses."
- 93. Venetian Glass Mosaic Pendentive, Luzerne Co. Court House, "Mines."
- 94. Cartoon, "St. Mark's."
- 95. Cartoon, Jesse Tree Window, St. Mark's Church, Frankford, Philadelphia,
- 96. Sketch for Memorial Window, West Point Chapel. Competitive Design.
- 97. Competitive Designs, Philadelphia Mint.
- 98. Competitive Designs, Philadelphia Mint.
- 99. Sketch for Memorial Window, St. Simeon's Church, Philadelphia, Executed.
- 100. Venetian Glass Mosaic Pendentive, Luzerne Co. Court House. "Navigation."

DAY BROTHERS & KLAUDER,

- 925 Chestnut Street, Philadelphia.
- 101. Perspective, Gymnasium for Mercersburg Academy, Mercersburg, Pa.
- 102. Perspective, Parish House and Rectory for Trinity Church, Wilmington, Del.
- 103. Perspective, Country House near Philadelphia, Pa.
- 104. Plans, Proposed Club House at Princeton, N. J.
- 105. Perspective, Proposed Club Flouse at Princeton, N. J.
- 106. Perspective, Madison Hall Dormitories for Princeton University, Princeton, N. J.
- 107. Perspective, Madison Hall Dormitories for Princeton University, Princeton, N. J.
- 108. Plans, Country House near Philadelphia, Pa.
- 109. Plan, New Dormitories for Princeton University, Princeton, N. J.
- 110. Perspective, New Dormitories for Princeton University, Princeton, N. J.
- Perspective, New Dormitories for Princeton University, Princeton, N. J.
- 112. Plans, Gymnasium for Mercersburg Academy, Mercersburg, Pa.
- 113. Perspective, Madison Hall Dormitories for Princeton University, Princeton, N. J.
- 114. Perspective, Proposed Club House at Princeton, N. J.

DODGE, ROBERT L.,

- 333 Fourth Avenue, New York.
- 115. Madonna and Child, (3) Panels.
- 116. Madonna and Child, (3) Panels, Left, Center and Right.
- 117. Mary Magdalen.
- 118. "The Passion."
- 119. "I Am the Way, the Truth and the Light."
- 120. Madonna and Child, (3) Panels.

DORSEY, L. M.,

- Stephen Girard Building, Philadelphia.
- 121. Sketch, Country Residence.

122. Proposed Church at Wilmington, Del.

Baily Building, Philadelphia.

DUHRING, OKIE & ZIEGLER,

123. 124.	Photographs of House for Mr. N. McLean Seabrease, St. Martins. Photographs of House for Dr. George Woodward, St. Martins.			
125.	Photographs of House for Mr. Ira J. Williams, St. Martins.			
126.	Photograph of Tower, North Presbyterian Church, Philadelphia.			
DUHRING,	H. L., JR., Baily Building, Philadelphia.			
127.	Church Porch near Rouen.			
128.	Chateau d'Eau, St. Cloud.			
129.	Near the Gate of the Lattern, Rome.			
130.	Entrance to Villa Frascati.			
131.	Grotto, Doria Pamphilj.			
132.	Fountain, Doria Pamphilj.			
133.	Entrance to Small Garden, Rome.			
134.	Sarcophagus, Villa Borghese.			
135. 136.	Greek Temple, Girgenti.			
130.	Pedestal, Athens. Courtyard, Palermo.			
138.	Church Ceiling, Girgenti.			
139.	Street Scene, Naples.			
140.	Cloister at Amalfi.			
141.	Doorway, Florence.			
142.	Cloister, Naples.			
143.	House at Assisi.			
144.	Entrance to the Quirinal Gardens.			
145.	Ceiling, Villa Rotunda, Vicenza.			
146.	Villa d'Este.			
147.	Garden, Frascati.			
148.	Garden, Frascati.			
149.	Old House near Point Pleasant, N. J.			
150. 151.	Store at Cedar Bridge, N. J.			
151.	Barn near Cedar Bridge. Old House, Island Heights, N. J.			
1.72.	Oid House, Island Heights, N. J.			
DURANG &	SON, E. F., 1200 Chestnut Street, Philadelphia.			
153.	First Floor Plan, Catholic Home for Destitute Children.			
154.	Perspective, Detail of Main Entrance Feature, Catholic Home for			
*	Destitute Children.			
ELLICOTT .	& EMMART, 1101 Union Trust Building, Baltimore, Md.			
	Medical and Chirurgical Faculty of Maryland Bldg. (Photo).			
156.	Forest Park Branch, Enoch Pratt Free Library of Baltimore.			
ELLINGTO	N, DOUGLAS D., Drexel Institute, Philadelphia.			
157.	Small Suburban House.			
158.	"Thatched Roof."			
ENFIELD POTTERY & TILE WORKS. Enfield. Pa.				
	Tile Figure, after the Altar at Copan, Bureau of American Repub-			
100.	lics Bldg., Washington, D. C.			

- 160. Tile Panel—"The Voyage," Connecticut State Library and Supreme Court Bldg., Hartford, Conn.
- 161. Decorative Tile Work.
- Decorative Tile Work. 162.
- 163. Decorative Tile Work.
- Inlaid Tiles—Designs from Cathedrals of Canterbury, St. Omer, 164.
- Gloucester and Chertsey.

 Tile Panel—"Charter Oak," Connecticut State Library and Su-165. preme Court Bldg., Hartford, Conn.
- 166. Photographs of Tile Work in Patio, Bureau of American Republics
- Bldg., Washington, D. C. Photograph of "Indian Wars," Panel Tile Work, in Connecticut 167.
- State Library and Supreme Court Bldg., Hartford, Conn.
 Photograph of "Meeting House," Panel Tile Work, in Connecticut
 State Library and Supreme Court Bldg., Hartford, Conn.
 Photograph of Tile Panel in Residence of Albert Kelsey, Esq., 168.
- 169. Paoli, Pa.
- Photograph of Tile Work in Residence of C. C. Zantzinger, Esq., 170. Chestnut Hill, Pa.
- 171. Photograph of Tile Work in Residence of C. C. Zantzinger, Esq., Chestnut Hill, Pa.
- THE ENOS COMPANY, Seventh Avenue and Sixteenth Street, New York.
 - 172. Lighting Fixtures.
- EVANS, WARNER & BIGGER, Witherspoon Building, Philadelphia.
 - 173. Main Bldg., Masonic Home Competition, Grand Lodge of Pennsylvania.
 - 174. Elevation and Section, Masonic Home Competition, Grand Lodge of Pennsylvania.
 - Plan, Masonic Home Competition, Grand Lodge of Pennsylvania.
 - 176. Power House.
 - 177. Power House,
 - 178. Photographs and Plans, Residence of C. H. Lea, Seattle, Wash,
 - Photographs, Carnegie Library at Snohomish, Wash. 179.
 - Photographs, Kellog Studios, Seattle, Wash. 180.
 - Color Sketch, Carnegie Library, Snohomish, Wash. 181.
 - 182. Photographs and Plans, Carnegie Library at Snohomish, Wash.
- 345 Fifth Avenue, New York. EWING & CHAPPELL,
 - 183. Residence for Dr. Edw. L. Keves, Shinnecock, L. I.
- EYRE, WILSON, 1003 Spruce Street, Philadelphia.
 - 184. House at Huntingdon, Long Island, N. Y.
 - 185. House at Litchfield, Conn.
 - 186. House near Bryn Mawr, Pa.
 - 187. House at Huntingdon, Long Island.
 - 188. House at Huntingdon, Long Island.
- FARQUAR, R. D., Los Angeles, Cal.
 - 189. Residence at Sierra Madre, Cal.

244 Fifth Avenue, New York. FREEDLANDER, J. H., 190. First Floor Plan-Competition for Department of Commerce and Labor, Washington, D. C. 191. Second Floor Plan—Competition for Department of Commerce and Labor, Washington, D. C. 192. Section—Competition for Department of Commerce and Labor, Washington, D. C. 193. Elevation on 15th Street. 194. Section—Competition for Department of Commerce and Labor, Washington, D. C. 195. Main Elevation—Competition for Department of Commerce and Labor, Washington, D. C. FELLOWS, LAWRENCE, 805 North Eighth Street, Philadelphia. 196. "Study for Triptych." FROST & GRANGER, 181 La Salle Street, Chicago, Ill. 197. C. W. U. Railway Terminal, Chicago, Ill. 198. Group of Suburban Houses. Competitive Designs, Department of Justice, Washington, D. C. 199. 200. Competitive Designs, Department of Justice, Washington, D. C. 201. Competitive Designs, Department of Justice, Washington, D. C. 202. Competitive Designs, Department of Justice, Washington, D. C. 202. 203. Competitive Designs, Department of Justice, Washington, D. C. GALLOWAY TERRA COTTA COMPANY, 3216 Walnut Street, Philadelphia. 204. Garden Accesories. GILBERT, CASS, Il East Twenty-fourth Street, New York. 205. Water Color, Winchester Cathedral. 206. Water Color, Hospital at Warwick. 207. Water Color, Lac d'Amour Bruges. Water Color, Andreas Plats Hildes Heim, Germany. 208. 209. Colored Perspective School of Industrial Arts, Trenton, N. J. 210. Colored Study Elevation for University of Minnesota. 211. Photographs of University of Minnesota. Colored Sketch, Study for Wolworth Bldg. 212. 213. Oakland City Hall Competition, Washington Street Elevation. 214. Fourteenth Street Elevation, Long and Transverse Sections. 215. Oakland City Hall Competition, Basement Plan. 216. Oakland City Hall Competition, Fourth Floor Plan. 217. Oakland City Hall Competition, Third Floor Plan. 218. Oakland City Hall Competition, Second Floor Plan, Oakland City Hall Competition, First Floor Plan. 219. 220. Oakland City Hall Competition, Ground Floor Plan. 215 Boston Building, Pasadena. Cal. GREENE & GREENE, 221. L. A. Robinson Residence, Pasadena, Cal.

222. R. R. Blacker Residence, Pasadena, Cal.
223. R. R. Blacker Residence—Dining Room.
224. R. R. Blacker Residence—Living Room.

GŘEY, ELMER, Los Angeles, Cal.

225. Entrance Gates for Mr. Brackenridge.

GROBEN, WILLIAM E., 1021 Witherspoon Building, Philadelphia.

226. Bronze Candelabra for Walnut Lane Bridge over Wissahiekon Creek, Philadelphia.

227. Cloister of Lateran, Rome. 228. Cloister of Lateran, Detail.

229. Power House, Queen Lane Filter Plant, Philadelphia.

1315 Walnut Street. HALE & KILBURN,

230. Decorative Fabrics and Furniture.

HARBESON, JOHN F., 132 West Walnut Lane, Germantown, Pa.

231. A Bit of Rouen.

Tour d'Horloge at Beaugency, France.

HEACOCK & HOKANSON, 1218 Chestnut Street, Philadelphia.

233. Robert Fulton Memorial, Fifth Prize Drawings, Hudson River Elevation.

234. Robert Fulton Memorial, Fifth Prize Drawings, Section.

235. Robert Fulton Memorial, Fifth Prize Drawings, Plan.

236. Club House, Twentieth Century Club, Lansdowne, Pa. Perspective.

237. Clock Tower from Court, Manufacturing Plant at Bristol, Pa.

Bank Building, Kensington Trust Co., Philadelphia. Perspective. 238.

Confederate Memorial Competition, Richmond, Va., First Floor 239. Plan.

Confederate Memorial Competition, Richmond, Va., Section, 240.

241. Confederate Memorial, Richmond, Va. Perspective.

Confederate Memorial Competition, Elevation. 242. 243. Calvin Presbyterian Church, Philadelphia, Plans.

244. Calvin Presbyterian Church, Philadelphia. Perspective.

245. Bird's Eve View of Manufacturing Plant, Showing New Park, Railroad Station and Other Civic Improvements, Bristol, Pa.

246. Bank Building, Kensington Trust Co., Philadelphia., Photograph of Front.

HEWITT, EDWARD SHEPARD, 527 Fifth Avenue, New York.

247. Dean F. P. Keppel Country House, Montrose, N. Y.

248. Country House, Bloonton, N. J.

HEWITT, GRANGER & PAIST, 671 Bullitt Building, Philadelphia.

St. Charles Hotel, Atlantic City, N. J. 249.

250. Country House near Philadelphia.

251. Chalet for George C. Boldt.

252.

Y. W. C. A. Building, Philadelphia, Y. W. C. A. Building, Philadelphia, Perspectipe. 253.

254. Country House near Philadelphia. Perspective.

255. Proposed Apartment, Philadelphia. 256. President's House, Kenyon College.

257. Swiss Chalet. Alexandria Bay, New York.

HOFFMAN, EDWARD F., JR., 4057 Spruce Street, Philadelphia. View from Boboli Gardens, Florence, Italy. 259. Bridge at Ronda, Spain. 260. Roman Forum. 261. Villa d'Este. 262. Villa Borghese and Farnese Palace. 263. Roman Forum. 264. Villa Muli and Roman Forum. 265. Niche in Boboli Gardens, Florence, Italy. 266. Roman Forum. HOWARD, JOHN GALEN, 604 Mission Street, San Francisco, Cal. 267. South Elevation, Competition for Building for Department of State, Washington, D. C. 268. Longitudinal Section—West Elevation, Competition for Building for Department of State, Washington, D. C. 269. First Floor Plan, Competition for Building for Department of State. Washington, D. C. HUNT, MYRON, & GREY, ELMER. Los Angeles, Cal. Throop Institute, Pasadena, Cal. 271. Throop Institute, Pasadena, Cal. 272. Throop Institute, Pasadena, Cal. 273. Throop Institute, Pasadena, Cal. 274. H. E. Huntington Villa. 275. H. E. Huntington Residence, Terrace Front. 276. H. E. Huntington Residence, Terrace Front. 277. Occidental College. INDUSTRIAL ORNAMENTAL IRON CO., 445-47 North Fifth Street, Philadelphia. 278. Lock, for the Pennsylvania Museum. Designed and Executed by the Industrial Ornamental Iron Co. 279. Lock, for New Haven Chapel. Designed by Cram, Goodhue & Ferguson. 280. Lock, for the First Baptist Church. Designed by Cram, Goodhue & Ferguson. 281. Plate and Handle, for St. Thomas' Church. Designed by Cram, Goodhue & Ferguson. Lock, for West Point Military Academy. Designed by Cram, 282.

Plates and Rings, for St. Mark's Church, Mt. Kisco, N. Y. De-283. signed by Cram, Goodhue & Ferguson. 284. Plates and Rings, for West Point Military Academy. Designed by

Goodhue & Ferguson.

Cram, Goodhue & Ferguson. Bolt, for St. Mark's Church, Mt. Kisco, N. Y. Designed by Cram, 285. Goodhue & Ferguson. 286. Latch Handle, for Frazer House. Designed by Cope & Steward-

287. Push Plate, for St. Mark's Church. Designed by Cram, Goodhue & Ferguson.

288. Strap Hinge, for St. Mark's Church. Designed by Cram, Goodhue & Ferguson.

289. Ornamental Band, for South Church, N. Y. Designed by Cram, Goodhue & Ferguson.

290. Ornamental Spike, for South Church, N. Y. Designed by Cram, Goodhue & Ferguson.

291. Ornamental Bands, Elevator Enclosure, for St. Thomas' Church, N. Y. Designed by Cram, Goodhue & Ferguson.

292. Plate and Handle. Designed and Executed by the Industrial Ornamental Iron Co.

293. Door Knocker, Designed and Executed by the Industrial Ornamental Iron Co.

294. Parts of a Wrought Iron Electrolier, for the Daughters of the American Revolution. Designed and Executed by the Industrial Ornamental Iron Co.

295. Wrought Iron Candelabras. Designed and Executed by the Industrial Ornamental Iron Co.

296. Pair of Andirons. Designed and Executed by the Industrial Ornamental Iron Co.

297. Wrought Iron Table, with Candle Attachment. Designed and Executed by the Industrial Ornamental Iron Co.

298. Plate and Handle. Designed and Executed by the Industrial Ornamental Iron Co.

299. Escutcheon Plate, for West Point Military Academy. Designed by Cram, Goodhue & Ferguson.

300. Flush Cup, for West Point Military Academy. Designed by Cram, Goodhue & Ferguson.

301. Wrought Iron Hinge, for the First Baptist Church, Pittsburg, Pa. Designed by Cram, Goodhue & Ferguson.

302. Incomplete Wrought Iron Hinge, for the First Baptist Church, Pittsburg, Pa. Designed by Cram, Goodhue & Ferguson.

303. Forged Ornaments. Designed and Executed by the Industrial Ornamental Iron Co.

304. Photographs.

JAMIESON, JAMES P., 316 Walnut Street, Philadelphia. 305. Three Sketches in Cambridge, England.

JEFFERY & VAN TREES,

Los Angeles, Cal.

306. E. S. Cheesewright Residence.

KELLEY, ARTHUR,

Los Angeles, Cal.

307. The Frost Residence.

308. Detail, the Frost Residence.

309. Cudahy Ranch House.

310. Detail of the Cudahy Ranch House.311. The Allen Residence, Hollywood, Cal.

KEEN, CHARLES BARTON,

1218 Chestnut Street, Philadelphia.

312. Garden on Property of P. M. Sharpless, Esq.

313. Residence near Villa Nova, Pa., for John Sinnott, Esq.

- Residence near Devon, Pa., for C. Howard Clark, Jr. 315. Residence at Nyack, N. J., for Judge A. S. Tompkins.
- Residence near Pittsburg, Pa. 316.
- Interior Views, Residence near Edgeworth, Pa. 317.
- Exterior Views, Residence near Edgeworth, Pa. 318.
- 319. Sketch for Country Residence on Long Island.

KELSEY & CRET,

1524 Chestnut Street, Philadelphia.

- Pan American Union, Patio. 320.
- Pan American Union, Detail of Front. 32I.
- Pan American Union, Vestibule.

KELSEY-CRET-JAŁLADE,

1524 Chestnut Street, Philadelphia.

- 323. Fulton Memorial Competition.
- Fulton Memorial Competition, Perspective.
- Fulton Memorial Competition, Elevation. 325.
- Fulton Memorial Competition, Plan. 326.

KIMBALL, THOMAS R.,

McCague Building, Omaha, Neb.

- 327. Department of Commerce and Labor, First Floor.
- 328. Department of Commerce and Labor, Second Floor Plan. 329. Department of Commerce and Labor, Third Floor Plan.
- 330. Department of Commerce and Labor, Fourth Floor Plan.
- 331. Department of Commerce and Labor, Fifth Floor Plan.332. Department of Commerce and Labor, Transverse Section.
- 333. Department of Commerce and Labor, West Elevation,

LA FARGE & MORRIS,

25 East Twenty-sixth Street, New York.

- Competition for Building for Department of Commerce and Labor, First Floor Plan.
- 335. Competition for Building for Department of Commerce and Labor, Third Floor Plan.
- Competition for Building for Department of Commerce and Labor, 336. Front Elevation.

LEISENRING, L. M.,

1320 New York Avenue, Washington, D. C.

- 337. Residence for Mrs. J. H. Tweed, Jr., near Easton, Md., West or River Elevation.
- Residence for Mrs. J. H. Tweed, Jr., near Easton, Md., East Elevation.

LOVATT, GEORGE I.,

416 Walnut Street, Philadelphia.

- Preliminary Sketch for Holy Spirit Church, Asbury Park, N. J.
- Sketch Model for Catholic Church of the Holy Spirit, Asbury Park, 340.
- Detail Drawing Front Elevation, St. Rita's Catholic Church, Phila-341. delphia.
- 342. Photograph St. Rita's Church, Philadelphia.

McKIM, MEAD & WIIITE, 160 Fifth Avenue, New York.

343. View of Concourse from Track Level, Pennsylvania Station, New York City.

344. Perspective of Main Waiting Room, Pennsylvania Station, New York City.

Perspective of Seventh Avenue Facade, Pennsylvania Station, New 345. York City.

Main Waiting Room, Pennsylvania Station, New York City. 346.

347. View of Concourse, Pennsylvania Station, New York City.

Front Elevation of the New United States Post Office Building, 348. New York City.

349. First Floor Plan of the New United States Post Office Building, New York City.

Perspective of the New United States Post Office Building, New 350. York City.

McMURTRIE, HARRY G.,

1218 Chestnut Street, Philadelphia.

351. Residence at Sedgewick, Pa.

MAGAZINER & POTTER,

137 South Fifth Street, Philadelphia.

Photo of Office Building. 352.

Sketch for Country House near Downingtown. 353.

Elevation for Mt. Sinai Hospital. 354.

355. Detail for Mt. Sinai Hospital.

Central Hebrew School, Main Facade. 356.

General Floor Plan, Hebrew Free School. 357. 358.

Central Hebrew School, First Floor Plan. Plan for Rodney Street Presbyterian Church, Wilmington, Del. 359.

360. Rodney Street Presbyterian Church, Wilmington, Del., Perspective

Model of Country House, for Geo. D. Ogden, Esq., Ithaca, Pa. 361.

Y. W. C. A. Building, Basement and Third Floor, 362.

363. Y. W. C. A. Building, First and Second Floors.

364. Elevation for Y. W. C. A. Building.

MAGONIGLE, H. VAN BUREN. 7 West Thirty-eighth Street, New York.

365. Competition Designs for Department of State, First Floor Plan,

Department of State, South Elevation. *3*66.

Southerly Elevation Facing on the Mall, Department of State Com-367. petition.

368. Longitudinal Section, Department of State Competition.

369. Plan of First Floor, Department of State Competition.

MAURAN & RUSSELL,

Chemical Building, St. Louis, Mo.

370. Department of Commerce and Labor, First Floor Plan.

Department of Commerce and Labor, Second Floor Plan, 371.

Department of Commerce and Labor, Third Floor Plan. 372. 373. Department of Commerce and Labor, Fourth Floor Plan.

Department of Commerce and Labor, Fifth Floor Plan. 374.

Department of Commerce and Labor, Longitudinal Section and 375. North Elevation.

376. Department of Commerce and Labor. Front Elevation.

MEIKLE, WILLIAM, 857 East 181st Street, New York. 377. "Crucifixion" Stained Glass Design. "Gloria" Stained Glass Design, MELLOR & MIEGS. Lafayette Building, Philadelphia. 379. House at Cynwyd, Pa. 380. Plans, House for Edward F. Beale, Esq., at Strafford, Pa. Garden Gate, for Alfred Mellor, Esq., at Cummington, Mass. 382. House for Dr. Guthrie McConnell, Cynwyd, Pa. 383. Plans, House, for Dr. Guthrie McConnell, Cynwyd, Pa. 384. House, for Mr. John H. Packard, 3d, at Chestnut Hill, Pa. 385. Alterations at Chestnut Hill, for Mr. John H. Packard, 3d. 386. Tea House, for William T. Wright, Esq., St. Davids, Pa. 387. House, for Edward F. Beale, Esq., at Strafford, Pa. MOSES, ARNOLD H., AND TRUSCOTT, ARTHUR H., 136 S. Fourth St., Phila. House, for Herbert W. Bartlett, Esq., Maple Shade, N. J. 388. 389. Public School No. 6, Pennsauken Township, Camden County, N. J. 390. Bungalow, for Mr. A. Spencer Webster. Linden Baptist Church. 391. 392. Leaded Glass Windows for Linden Church. 393. Leaded Glass Windows for Linden Church. NEWTON, FRANCIS. 130 West Fifty-seventh Street, New York. 394. Les Joveux. NOLAND & BASKERVILLE, 801-802 Mutual Building, Richmond, Va. 395. Broad Street Bank, Richmond Va. Photographed during erection. 396. Competitive Design for Broad Street Bank, Broad Street, near 6th, Richmond, Va. PALMER & HORNBOSTEL, 63 William Street, New York. 397. Ornament for New York State Education Building. Second and Ground Floor Plans, Oakland City Hall. 399. Department of Justice, Washington, North Elevation, 400. Department of Justice, First Floor Plan. 401. Department of Justice, Section, 402. Fourteenth Street Elevation, Oakland City Hall. 403. Transverse Section, Oakland City Hall. 404. Washington Street Elevation, Oakland City Hall. 405. Photograph of Ornament, New York State Education Building. PARKER, H. HANLEY, 1710 Chestnut Street, Philadelphia. 406. Interior—Living Room. 407. Interior—Library. Interior—Bedroom. Interior—Dining Room.

Design for Window for Peacock Cafe, Continental Hotel, Phila-

Cartoon, Mural Decoration, Continental Hotel, Philadelphia.

408. 409. 410.

411.

delphia.

Cartoon, Mural Decoration, Continental Hotel, Philadelphia. 412. Cartoon, Mural Decoration, Continental Hotel, Philadelphia. 413. Cartoon, Mural Decoration, Continental Hotel, Philadelphia. 414. Cartoon, Mural Decoration, Continental Hotel, Philadelphia. 415. Three Photographs of Completed Decorations. 416. Furniture Designs-Ladies' Reception Room. 417. PARKER, THOMAS & RICE, Union Trust Building, Baltimore, Md. 418. Competition for Building for Department of Justice, Washington. Competition for Building for Department of Justice, Washington. 420. Competition for Building for Department of Justice, Washington. PARRY, OLIVER RANDOLPH, 1723 Chestnut Street, Philadelphia. 421. Plans and Photographs of Reinforced Concrete Home of Dr. E. C. Rice at Pine Beach, N. J. Competitive Sketch for Bucks County Historical Society. Elevation of Proposed Estate Bungalow near Rochester, N. Y. 424. Plan of Proposed Estate Bungalow near Rochester, N. Y. POOLEY FURNITURE COMPANY, 17th and Indiana Avenue, Philadelphia. 425. Furniture. POST & SONS, GEORGE B., 347 Fifth Avenue, New York. 426. Competition for Building for Department of Commerce and Labor, Washington, D. C., First Floor Plan. 427. Competition for Building for Department of Commerce and Labor. Washington, D. C., Elevation on Fifteenth Street. POTTER, WILLIAM WOODBURN, 137 South Fifth Street, Philadelphia. 428. Photograph, Ardmore Church, 429. Detail, First Presbyterian Church, Ardmore. RAMSEY, C. F., 622 Locust Street, Philadelphia. 430. Color Sketch for Ceiling in Residence of George McFadden, Esq. RANKIN, KELLOGG & CRANE, 1012 Walnut Street, Philadelphia. 431. Photograph—House at Germantown, Pa. 432. Photograph—House at Germantown, Pa. Photograph—House at Germantown, Pa. 433. 434. Photograph—House of John Hall Rankin, Germantown, Pa. Photograph—House of John Hall Rankin, Germantown, Pa. 435. 436. Photograph—House of John Hall Rankin, Germantown, Pa. Photograph—House of John Hall Rankin, Germantown, Pa. 437. Photographs-House of John Hall Rankin, Germantown, Pa. 438. Photograph—House of John Hall Rankin, Germantown, Pa. 439. Competitive Design-Building for Confederate Memorial Associa-440. tion, Richmond, Va., First Floor Plan. Competitive Design—Confederate Memorial Association, Richmond, 441. Va., Elevation Facing on the Boulevard.

Oakland City Hall Competition, First and Second Floor Plans.

Oakland City Hall, Third and Fourth Floor Plans.

442.

443.

- Oakland City Hall Competition, Section. Oakland City Hall Competition, Elevations. 445. Competitive Design—Department of State, Washington, D. C., Plan 116. of First Floor.
- Competitive Design-Department of State, Washington, D. C., Ele-447. vation of South Front.
- Competitive Design-Department of State, Washington, D. C., Ele-448. vation of West Front and Longitudinal Section.
- State Asylum for the Chronic Insane, Wernersville, Pa. 449.
- Office Building, Philadelphia, Pa. 450.
- Quartermaster's Depot, United States Marine Corps, Philadelphia, 451.
- 452. House of George Quintard Horwitz, Esq., Strafford, Pa.
- 1208 Chestnut Street, Philadelphia. RICH, HERBERT E., 453. Design for a Country Inn (Beaux Art Problem).
- 1524 Chestnut Street, Philadelphia. ROBERTS, SPENCER, 454. Interior of House of Mr. B. F. Dewees, Germantown, Pa.
 - 455. Interior of House of Mr. B. F. Dewees, Germantown, Pa.
- ROBERTS, SPENCER, AND REHFUSS, GEORGE U., 1524 Chestnut Street, Philadelphia.
 - 456. Hotel at Wildwood Crest, N. J. Knife and Fork Inn, Atlantic City, N. J. 457.
- 1012 Walnut Street, Philadelphia. RUSH, LOUIS H., AND LACY, ADIN B.,
 - 458. Confederate Memorial, Richmond, Va., Main Floor Plan.
 - 459. Confederate Memorial, Richmond, Va., Cross Section. 460. Confederate Memorial, Perspective.
 - 461. Confederate Memorial, Richmond, Va., Elevation.
- Witherspoon Bldg, Philadelphia. SARGENT & COMPANY, 462. Hardware.
- SAVERY, ADDISON H., & MEGRAIL, ALFRED H., Stephen Girard Building, Philadelphia.
 - Competitive Drawings for Confederate Memorial, Richmond, Va.
 - Competitive Drawings for Confederate Memorial, Richmond, Va. 465. Competitive Drawings for Confederate Memorial, Richmond, Va. 466. Competitive Drawings for Confederate Memorial, Richmond, Va.
- 2009 Mifflin Street, Philadelphia. SCHAEF, CHARLES F., 467. Perspective of Santa Maria Vittorio Church at Rome.
- 500 North Thirty-fourth Street, Philadelphia. SCHENCK, ALBERT F.,
 - 468. A Royal Road.
 - 469. In the Garden of the Generalife.
 470. A Castle in Spain.
 471. Beyond the Arch.
 472. Village Gossips.

- 473. Roman Aqueduct. 474. Patio of a Mosqu
- 474. Patio of a Mosque. 475. Sunlight and Shadow.
- 476. A Symphony in Stone.

477. Roman Temple.

SCHOOL OF ARCHITECTURE,

University of Pennsylvania, Philadelphia.

- 478. An Hotel. Elevation and Plan.
- 479. A Monastery.
- 480. A Wayside Inn.
- 481. A Supreme Court Building. Plan.
- 482. A Supreme Court Building. Elevation and Section.
- 483. A Museum of Art. Elevation.
- 484. A Museum of Art, Plan.
- 485. A Reception Room for a President.
- 486. A Reception Room for a President.
- 487. A Reception Room for a President.
- 488. A Reception Room for a President,
- 489. A Reception Room for a President.
- 490. An Entertainment Hall.
- 491. An Hotel. Plan.
- 492. Renaissance Panels.

SCHOOL OF INDUSTRIAL ART,

Broad and Pine Streets, Philadelphia.

- 493. Pavilion Against Blank Wall in a City Public Square.
- 494. A Building for Painting and Sculpture.
- 495. Frontispiece. Order Problem.
- 496. Terminal Motive of Colonade.
- 497. An Elizabethan Residence.

SCOPES & FEUSTMAN.

64 Main Street, Saranac Lake, N. Y.

498. Cottage for Dr. Albert H. Allen, Saranac Lake, N. Y.

SEARS, TABER,

96 Fifth Avenue, New York,

499. Color Sketch for Memorial Windows.

SELLERS, HORACE WELLS,

1307 Stephen Girard Building, Philadelphia.

- 500. Plan & Elevation of House for Mrs. Otis Skinner at Brvn Mawr, Pa.
- 501. Plan and Exterior Elevations, Residence of Mr. S. W. Colton, Jr., near Bryn Mawr, Pa.
- 502. Plot Plan, Long Meadow House.
- 503. Interior Views, Residence of Mr. S. W. Coulton, Jr., near Bryn Mawr, Pa.
- 504. Plot Plan of Garden and Buildings, Residence of Mr. S. W. Colton, Jr., near Bryn Mawr, Pa.

SHEAN, CHARLES M.,

51 West Tenth Street, New York.

- 505. Decorative Painting for Dining Room.
- 506. Decorative Panel.

SHEPARD, WILLIAM V.,

Witherspoon Building, Philadelphia.

- 507. Sketches.
- 508. Sketches.
- 509. Sketches.
- 510. Sketches, Mount St. Michel, France.
- 511. Louis XII Entrance, Chateau de Blois, Blois, France.
- 512. Francois I Staircase, Chateau de Blois, Blois, France.
- 513. Wall Ring, Sienna, Italy.

SHULL, WILLIAM SIEGEL, JR.,

25 North Stenton Place, Atlantic City, N. J.

514. Design for English Residence.

SIMON, GRANT M.,

3048 Frankford Avenue, Philadelphia.

515. "A Fantasy of the Nile." Problem in Original Water-Color Composition. University of Pennsylvania Post-graduate work.

SMEDLEY, WALTER,

904 Stephen Girard Building, Philadelphia.

- 516. House for W. H. Roberts, Esq., Moorestown, N. J.
 517. House for Chas. C. Kinney, Esq., Wynnefield, Pa.
 518. House for Mr. Henry Hall, Frankford, Phila.

STEPHENSON & WHEELER,

18 West Twenty-seventh Street, New York City.

519. Factory Building, Long Island City.

THOMAS, CHURCHMAN & MOLITOR,

1309 Walnut Street, Philadelphia.

- 520. Market Street National Bank,
- St. Nathanael's Church, Phila.
- 522. Zeta Psi Fraternity House, University of Pennsylvania.523. Zeta Psi Fraternity House, University of Pennsylvania. Detail.

TOTTEN, GEORGE OAKLEY,

808 Seventeenth Street, Washington, D. C.

- Model, Residence E. H. Everett, Esq., Washington, D. C. Residence of E. H. Everett. Plan of Second Floor.
- 525.
- 526. Residence of E. H. Everett. Plan of First Floor.

TRACY, SWARTWOUT & LITCHFIELD,

244 Fifth Avenue, New York.

- 527. First Floor Plan, Oakland City Hall Competition.
- 528. Second Floor Plan, Oakland City Hall Competition.
- 529. 14th Street Elevation, Oakland City Hall Competition.
- 530. Washington St. Elevation, Oakland City Hall Competition.
- 531. Photograph Second National Bank, Paterson, N. J.

532. First Floor Plan, Competition for Commerce & Labor Bldg., Washington, D. C.

Second Floor Plan, Competition for Commerce & Labor Bldg., 533. Washington, D. C.

Third Floor Plan, Competition for Commerce & Labor Bldg., Wash-534. ington, D. C.

535. Fourth Floor Plan, Competition for Commerce & Labor Bldg., Washington, D. C.

536. Fifth Floor Plan, Competition for Commerce & Labor Bldg., Washington, D. C.

- 537. Longitudinal Section, Competition for Commerce & Labor Bldg., Washington, D. C.
- B. Street Elevation, Competition for Commerce & Labor Bldg., 538. Washington, D. C.
- 15th St. Elevation, Competition for Commerce & Labor Bldg., 539.
- Washington, D. C. First Floor Plan, Armory for the National Guard of the District 540. of Columbia, Washington, D. C.
- Longitudinal Section, Armory for the National Guard of the District 541. of Columbia, Washington, D. C.
- 542. Perspective, Armory National Guard of District of Columbia, Washington, D. C.
- 543. Perspective U. S. Post Office and Court House, Denver, Colorado.

VAN INGEN, W. B.,

- 58 West Fifty-seventh Street, New York.
- Decoration, "Divine Law." 544.
- "Origin of the Circuit Court." 545.
- "Emancipation Proclamation." 546.
- 547. "Lincoln's First Reading of Blackstone."
- 548. "Socrates and His Friends Discussing," Etc.
- 549. "The Signing of the Constitution," etc.
- "Cicero Speaking from the Forum." 550.
- "Magna Charter." 551.
- 552. Sketch for Decoration in U. S. Mint, Phila. "A Monitor."
- Sketch for Decoration in U. S. Mint, Phila.

 "Mining Country."

 A Prospector." 553.
- 554.
- 555.
- VULCANITE PORTLAND CEMENT COMPANY. Land Title Building, Phila. 556. Polychrome Concrete Vase. (Designed by Albert Moyer, Assoc. Am. Soc. C. E.)
- Thirteenth and Market Streets, Philadelphia. WANAMAKER, JOHN, 557. Decorative Fabrics and Furniture.

WATSON & HUCKEL,

1211 Walnut Street, Philadelphia.

- 558. Christ Church, Norfolk, Va.
- 559. St. Mark's Church, Frankford, Phila., Pa.

WILDER & WHITE,

156 Fifth Avenue, New York.

- 560. Plan of Ground Floor, "Confederate Memorial," (Design placed 3d in Competition.)
- 561. Perspective "Confederate Memorial." (Design placed 3d in Competition.)

WILLAUER, SHAPE & BRADY,

156 Fifth Avenue, New York.

- Residence for J. Herbert Johnston, Esq., Cold Spring, L. I. View 562. from Water.
- 563. Residence for J. Herbert Johnston, Esq., Cold Spring, L. I. View from Approach.

- 564. Residence for J. Herbert Johnston, Esq., Cold Spring, L. I. First and Second Floor Plans.
- WILSON, FREDERICK,

Briarcliff Manor, N. Y.

- 565. Cartoon for Figure of "Law," Stair Hall Window, Cuyahoga Co. Court House, Cleveland, O.
- 566. "The Transfiguration." Cartoon for Window at Northeast Harbor, Me., in Memory of Dr. Huntington. (In three sections.)
- 567. Side Panels.
- 568. Side Panels.
- 569. "St. John the Baptist," Cartoon for Window in Memory of Bishop Hare, South Dakota.
- WISE, HERBERT C..

34 South Sixteenth Street, Philadelphia.

- 570. House at St. Martins, Phila., for Mr. W. W. Adams, Jr.
- 571. House at Moorestown, N. J., for T. H. Dudley Perkins, Esq.
- WOOD, DONN & DEMING.

808 Seventeenth Street, Washington, D. C.

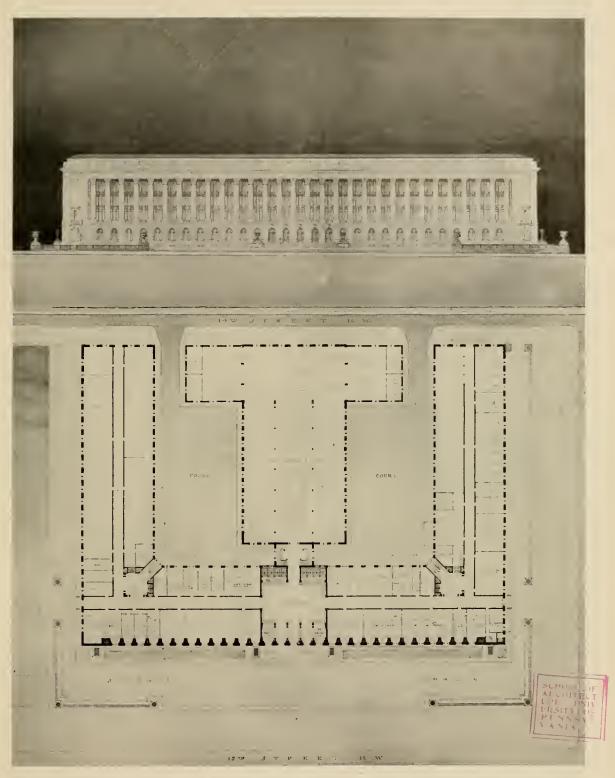
- 572. Competition Drawings, Confederate Memorial.
- 573. Competition Drawings, Department of Commerce & Labor.
- YARDLEY, E. H.,

1701 Chestnut Street, Philadelphia.

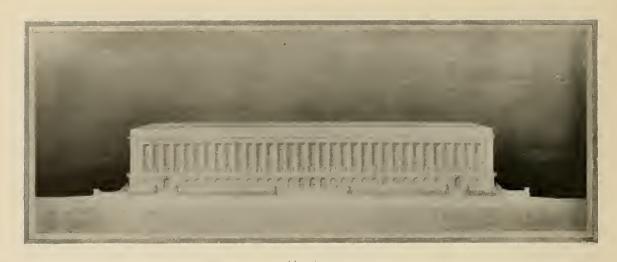
- 574. Residence at Roxborough, Pa.
- ZANTZINGER, BORIE & MEDARY,

139 South Fifteenth Street, Philadelphia.

- 575. Proposed Church for St. Paul's Parish, Chestnut Hill, Pa. Perspective of Exterior.
- 576. Proposed Church for St. Paul's Parish, Chestnut Hill, Pa. Plan.
- 577. Proposed Church for St. Paul's Parish, Chestnut Hill, Pa. Perspective of Interior.
- 578. Masonic Home at Elizabethtown, Pa. Elevation and Section of Village.
- 579. Masonic Home at Elizabethtown, Pa. Model of Village.
- 580. Masonic Home at Elizabethtown, Pa. Model of Grand Lodge Hall and Three Cottages.

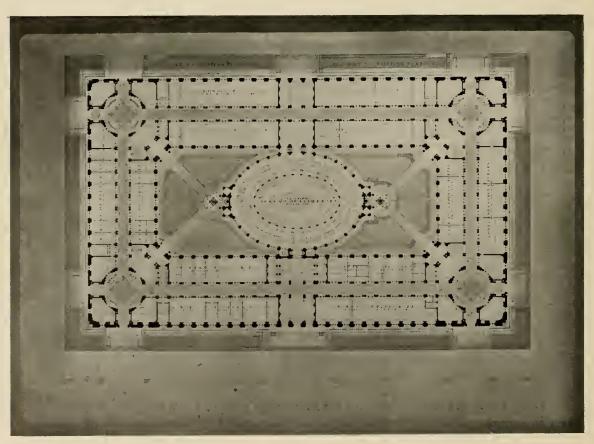


COMPETITIVE DESIGN FOR BUILDING FOR THE PEPARTMENT OF COMMERCE AND LABOR, WASHINGTON, D. C.
J. H. Freedlander, Architect.

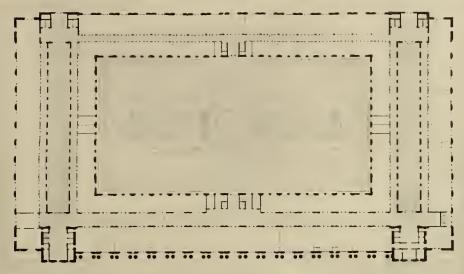


Elevation,
COMPETITIVE DESIGN FOR BUILDING FOR THE DEPARTMENT OF COMMERCE AND
LABOR. WASHINGTON, D. C.
Tracy, Swartwout & Litchfield, Architects.

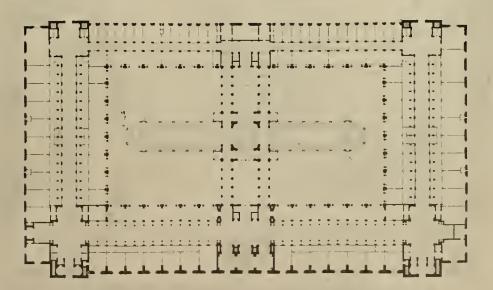


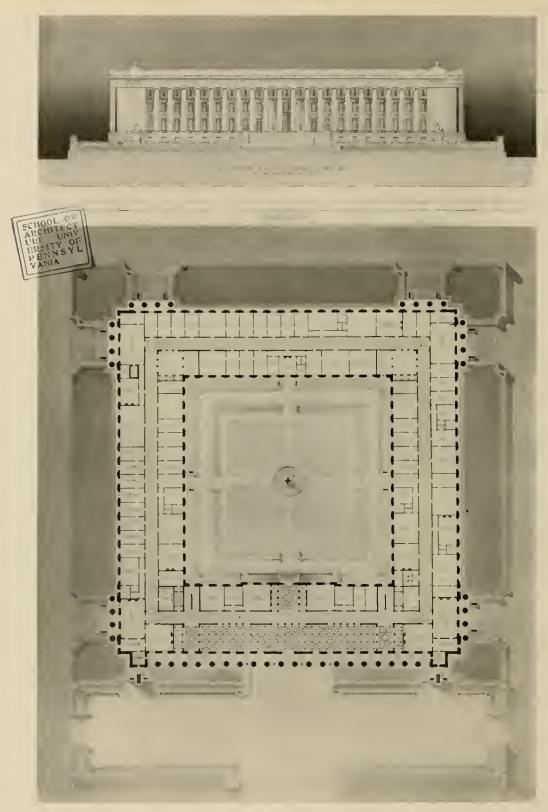




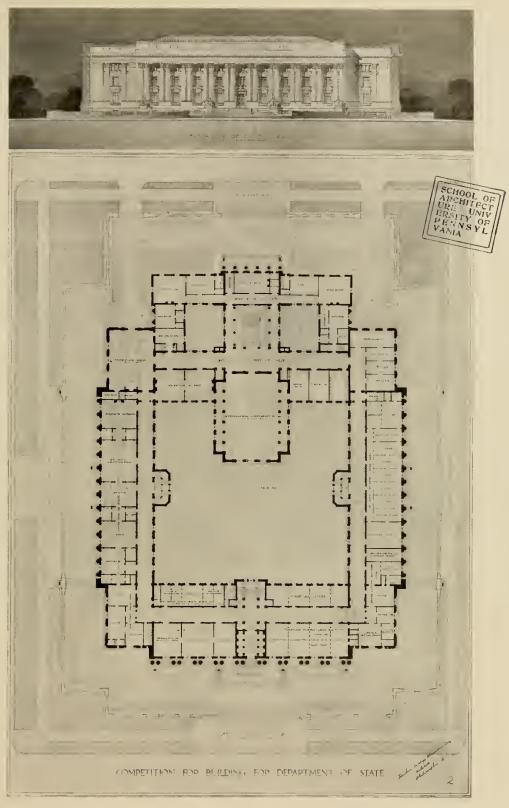




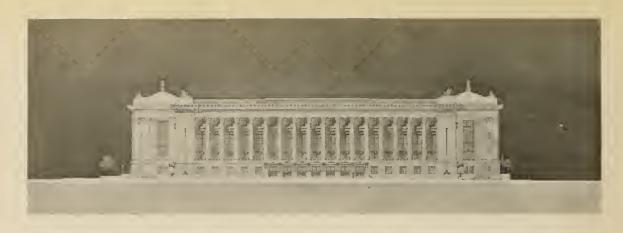


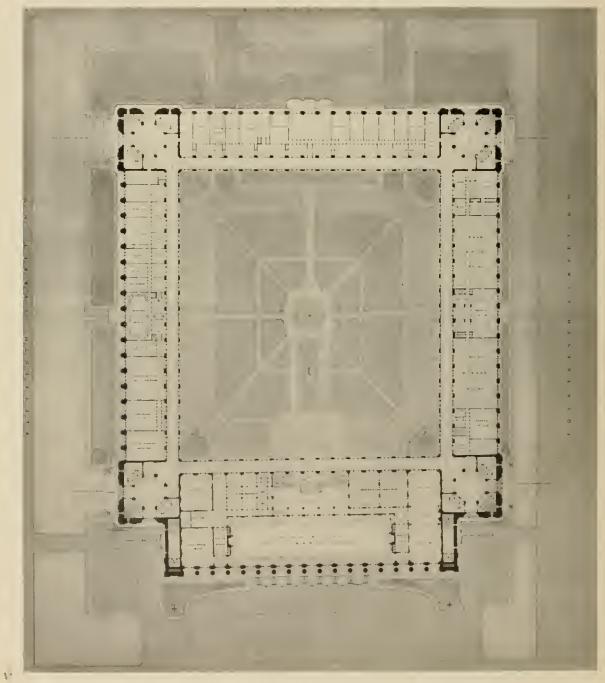


COMPETITIVE DESIGN FOR BUILDING FOR THE DEPARTMENT OF JUSTICE, WASHINGTON, D. C. Parker, Thomas & Rice, Architects.

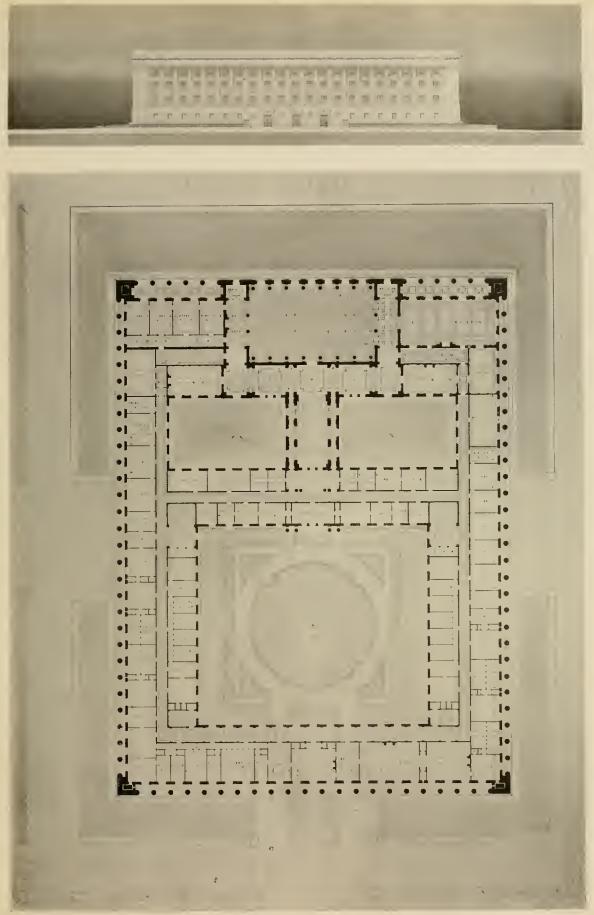


COMPETITIVE DESIGN FOR BUILDING FOR THE DEPARTMENT OF STATE, WASHINGTON, D. C. Rankin, Kellogg & Crane, Architects.

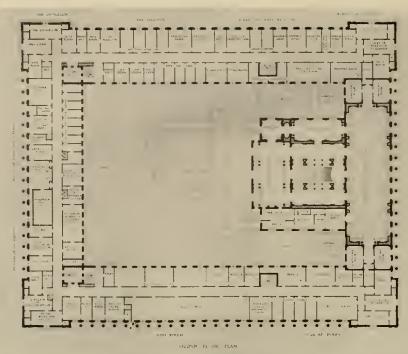




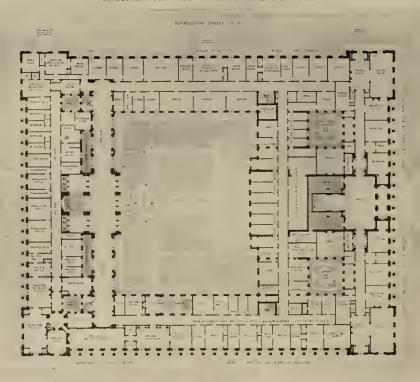
COMPETITIVE DESIGN FOR BUILDING FOR THE DEPARTMENT OF STATE, WASHINGTON, D. C. John Galen Howard, Architect.



COMPETITIVE DESIGN FOR BUILDING FOR THE DEPARTMENT OF STATE, WASHINGTON, D. C. Harold Van Buren Magonigle, Architect.



COMPETITION FOR BUILDING FOR DEPARTMENT OF STATE



COMPETITION FOR BUILDING FOR DEPARTMENT OF STATE

Plans.

COMPETITIVE DESIGN FOR BUILDING FOR THE DEPARTMENT OF STATE, WASHINGTON, D. C.

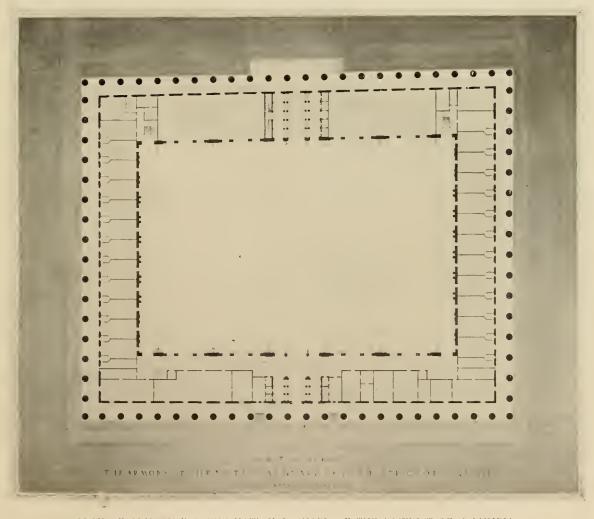
Albert Kelsey, Architect.



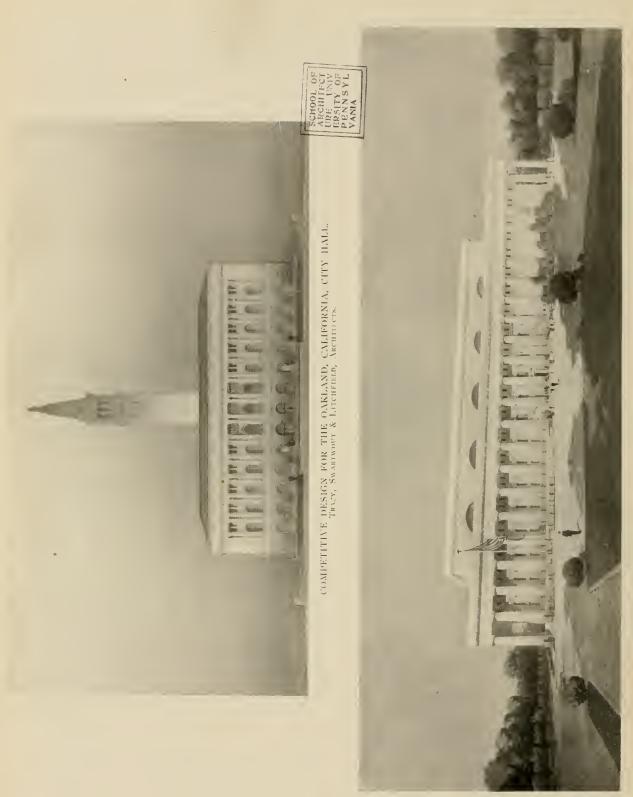
Elevation.

COMPETITIVE DESIGN FOR BUILDING FOR THE DEPARTMENT OF STATE, WASHINGTON, D. C.

Albert Kelsey, Architect.

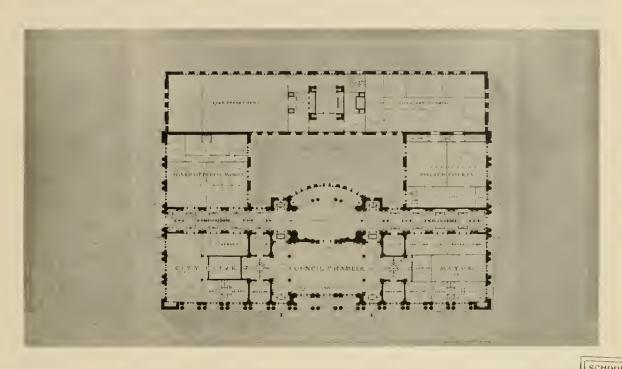


PLAN OF ARMORY FOR THE NATIONAL GUARD OF THE DISTRICT OF COLUMBIA. Tracy, Swartwout & Litchfield, Architects.

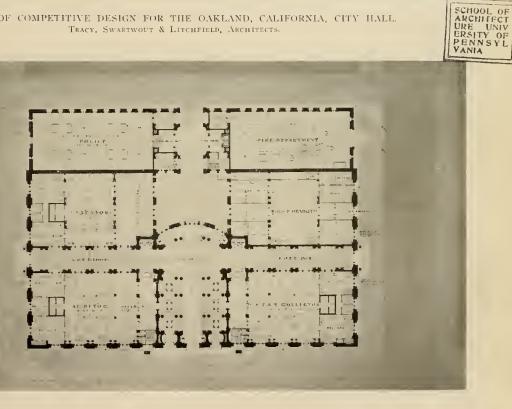


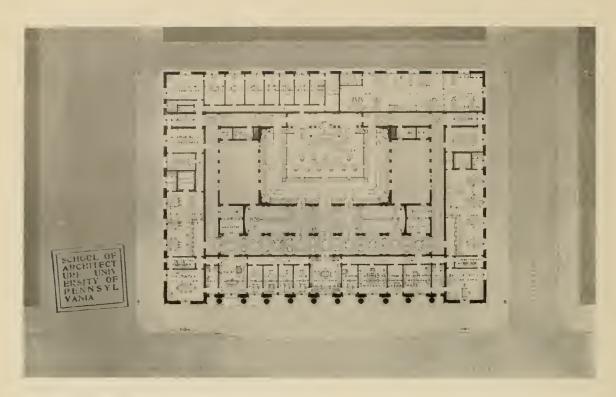
PERSPECTIVE ARMORY FOR THE NATIONAL GUARD OF THE DISTRICT OF COLUMBIA. Tracy, Swartwout & Litchfield, Architects.

å



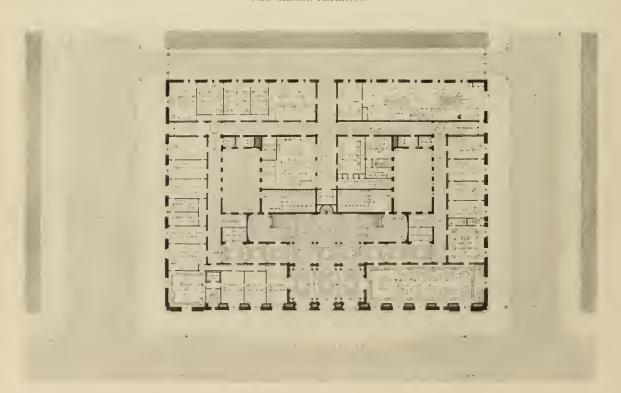
PLANS OF COMPETITIVE DESIGN FOR THE OAKLAND, CALIFORNIA, CITY HALL. TRACY, SWARTWOUT & LITCHFIELD, ARCHITECTS.





PLANS OF COMPÉTITIVE DESIGN FOR THE OAKLAND, CALIFORNIA, CITY HALL.

Cass Gilbert, Architect.





ELEVATION OF COMPETITIVE DESIGN FOR THE OAKLAND, CALIFORNIA, CITY HALL. Cass Gilbert. Architect.





General Plan.

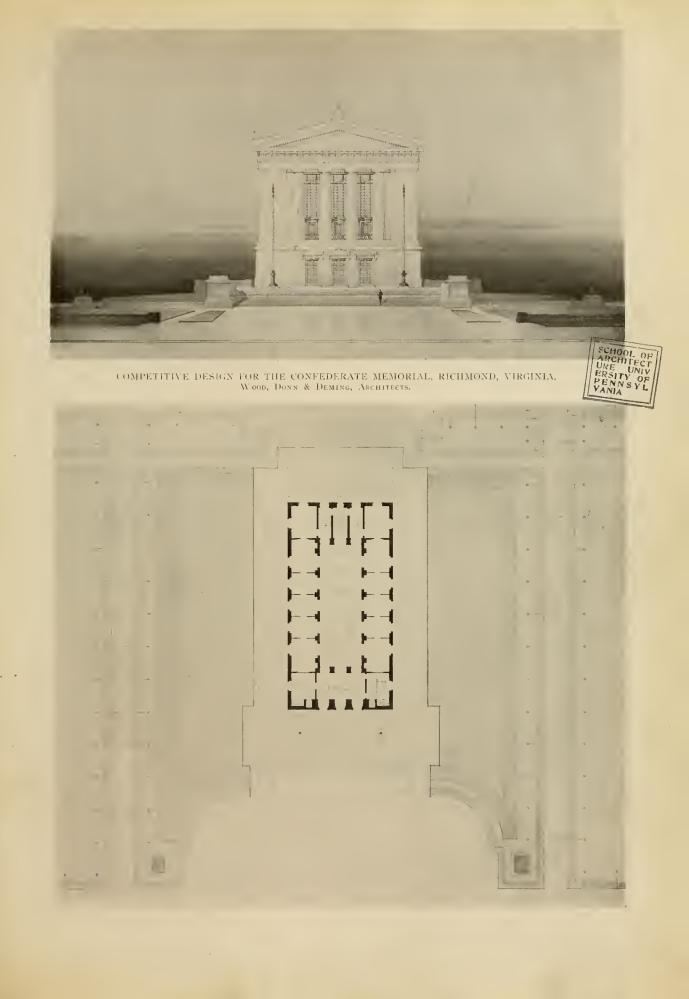
ACCEPTED DESIGN, COMPETITION FOR THE MASONIC HOME, GRAND LODGE OF PENNSYLVANIA.

Zantzinger. Borie & Medary, Architects.



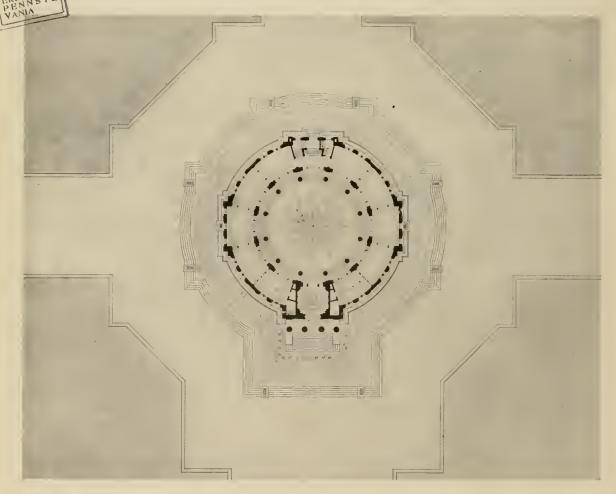
VIEWS OF MODELS, GRAND LODGE BUILDING AND COTTAGES, MASONIC HOME, AT ELIZMETHTOWN, PENNSYLVANIA, Zantzinger, Borie & Medary, Architects.





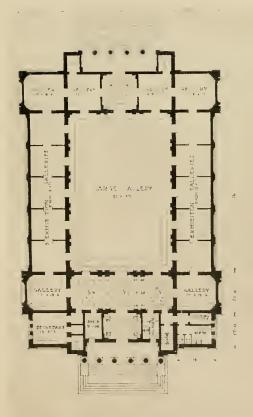


COMPETITIVE DESIGN FOR THE CONFEDERATE MEMORIAL, RICHMOND, VIRGINIA.
RANKIN, KELLOGG & CRANE, ARCHITECTS.

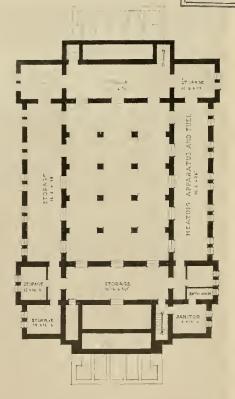








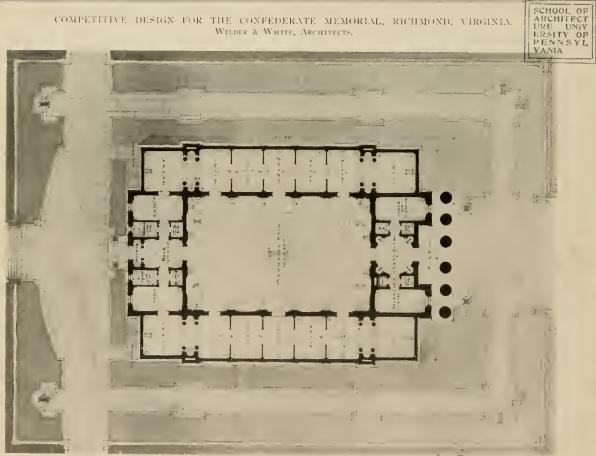
FIRST FLOOR.



BASEMENT



COMPETITIVE DESIGN FOR THE CONFEDERATE MEMORIAL, RICHMOND, VIRGINIA. WILDER & WHITE, ARCHITECTS.



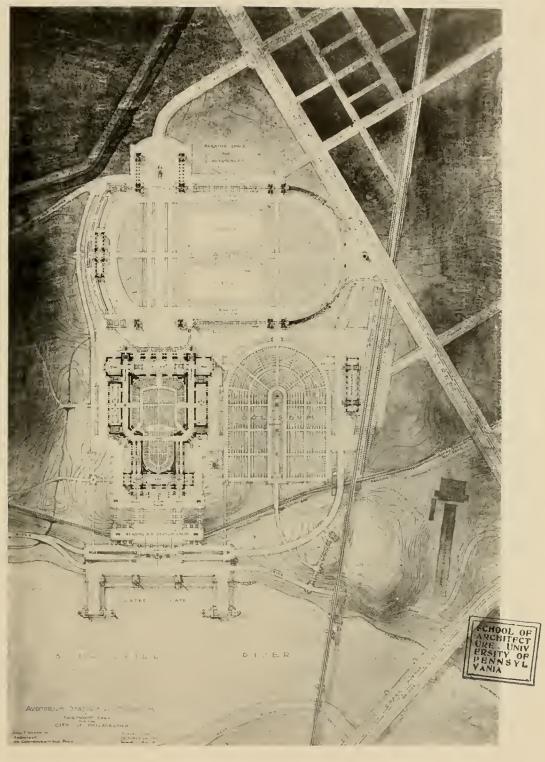
٩



A COMPOSITION.
FROM A WATER-COLOR DRAWING BY GRANT M. SIMON.



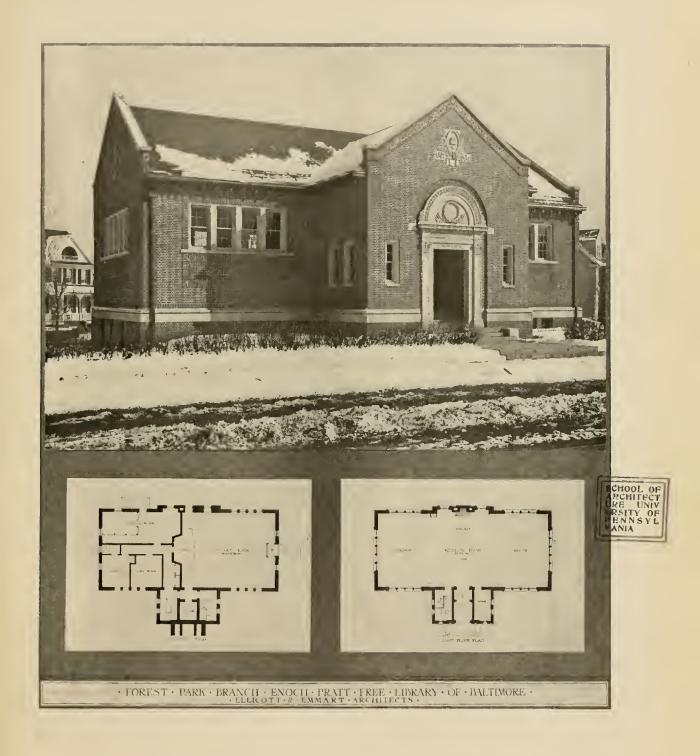
PROPOSED AUDITORIUM, STADIUM AND COLISEUM IN FARMOUNT PARK FOR THE CITY OF PHILADELPHA.
JOHN T. WINDRAW, ARCHITECT.

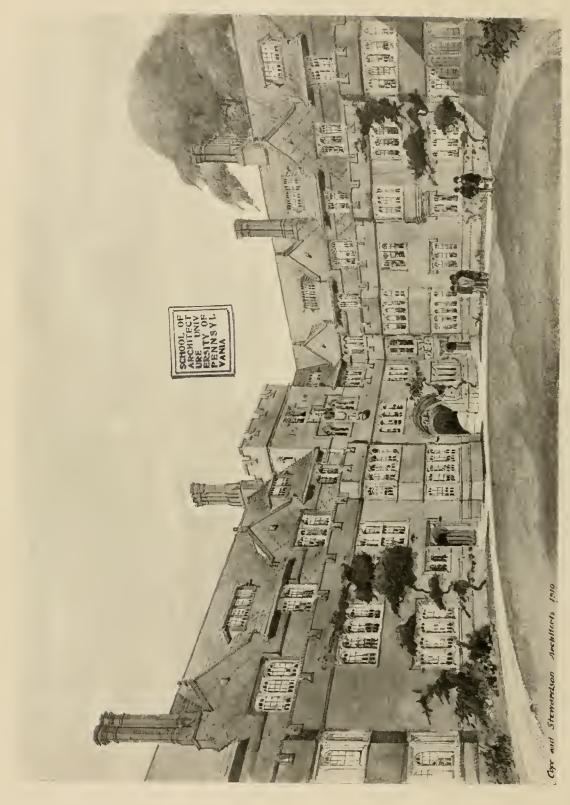


PLAN
PROPOSED AUDITORIUM, STADIUM AND COLISEUM IN FAIRMOUNT PARK FOR THE
CITY OF PHILADELPHIA.
John T. Windrim, Architect.



MARKET STREET NATIONAL BANK, PHILADELPHIA.
THOMAS, CHURCHMAN & MOLITOR, ARCHITECTS.

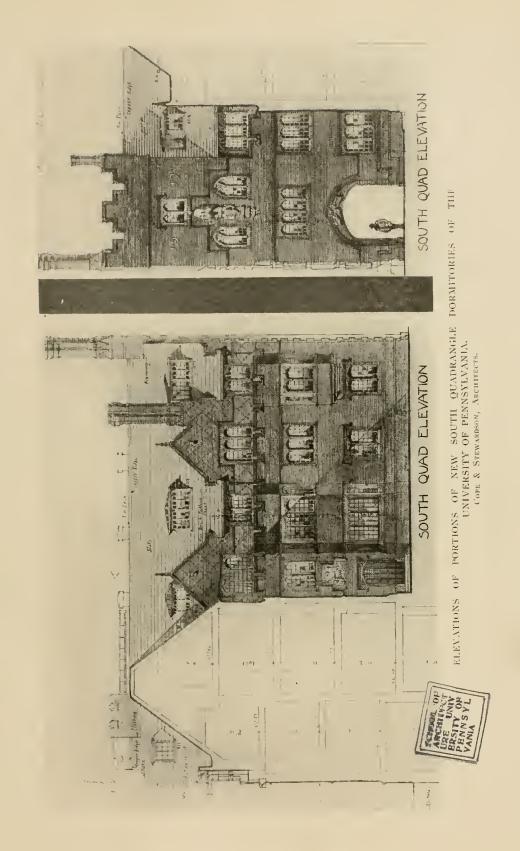


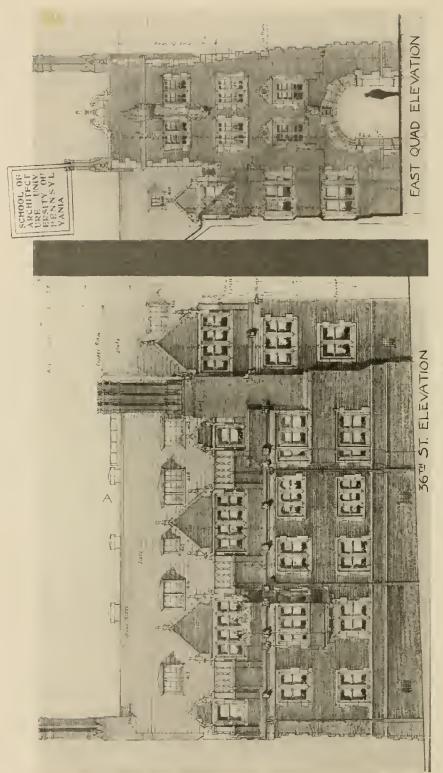


1

PERSPECTIVE VIEW OF NEW SOUTH QUADRANGLE DORMITORIES OF THE UNIVERSITY OF PENNSYLVANIA.

Cope & Stewardson, Architects.





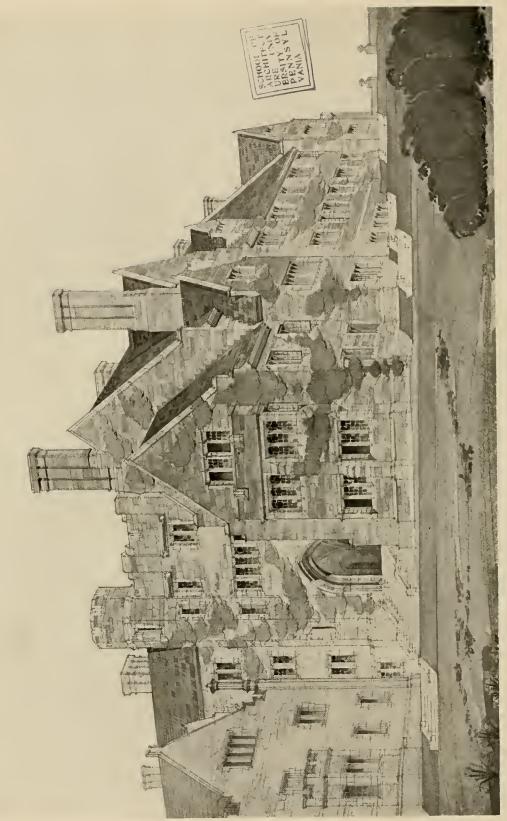
ELEVATIONS OF PORTIONS OF NEW DORMITORIES OF THE UNIVERSITY OF PENNSYLVANIA.

COPE & Stewardson, Architects.

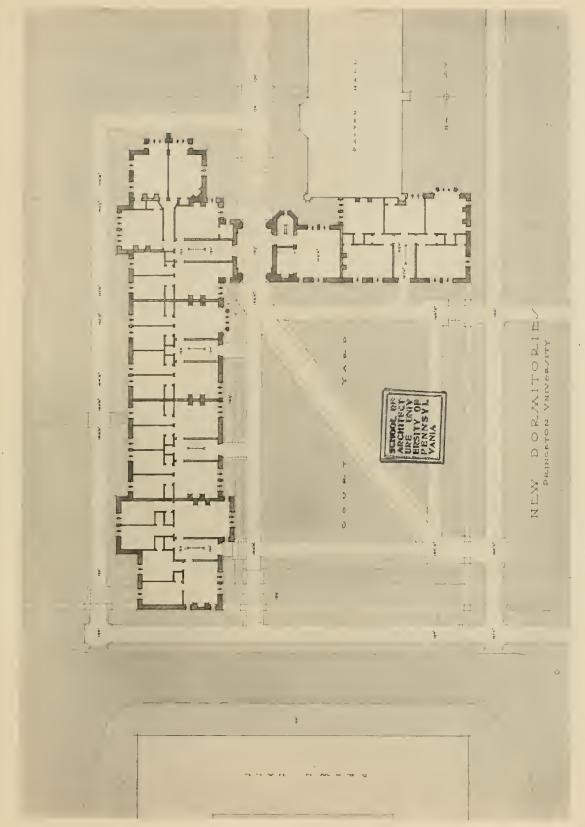


PERSPECTIVE VIEW OF MADISON HALL DORMITORIES FOR PRINCETON UNIVERSITY.

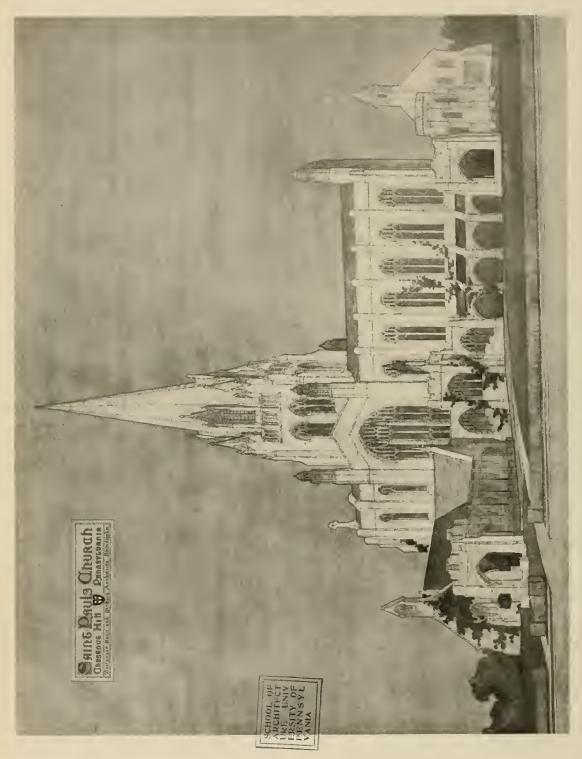
DAY BROTHERS & KLAUDER, ARCHITECTS.



PERSPECTIVE VIEW OF MADISON HALL DORMITORIES FOR PRINCETON UNIVERSITY. Day Brothers & Klauder, Architects.

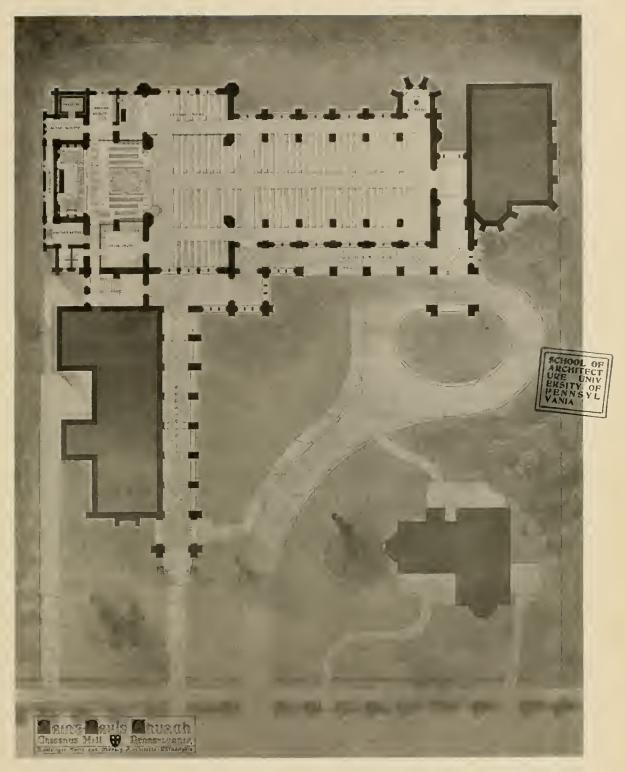


PLAN OF MADISON HALL DORMITORIES FOR PRINCETON UNIVERSITY. DAY BROTHERS & KLAUDER, ARCHITECTS,



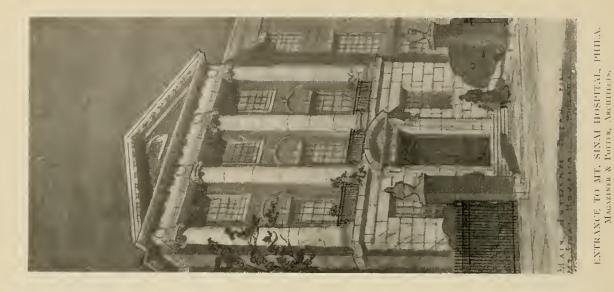
PERSPECTIVE VIEW OF PROPOSED CHURCH FOR SAINT PAUL'S PARISH, CHESTNUT HILL, PHILADELPHIA.

Zantzinger, Borie & Medary, Architects.

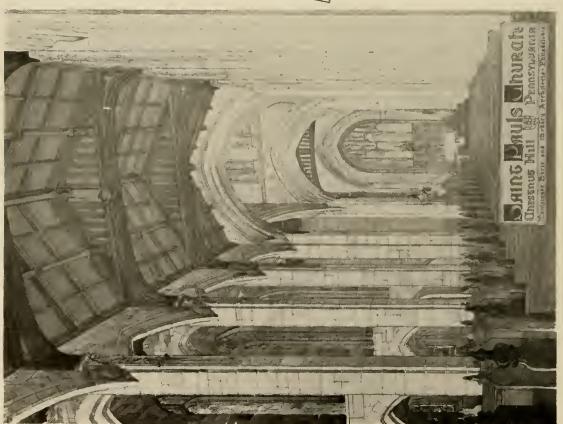


PLAN OF PROPOSED CHURCH FOR SAINT PAUL'S PARISH, CHESTNUT HILL, PHILA.

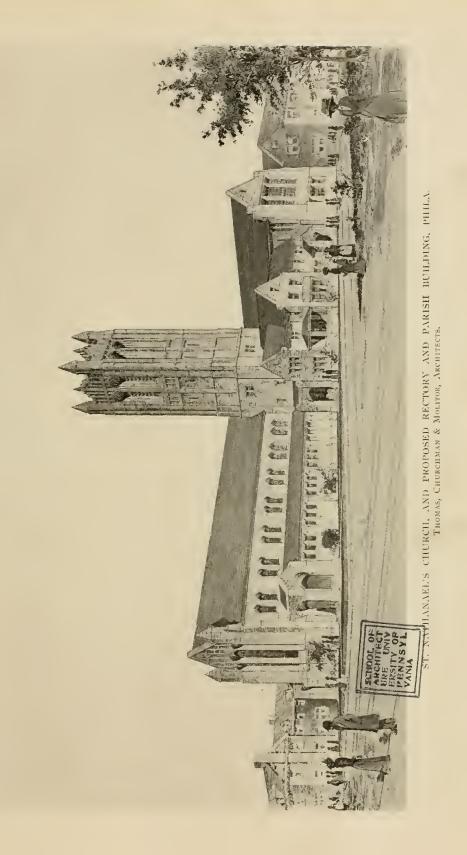
ZANTZINGER, BORIE & MEDARY, ARCHITECTS.

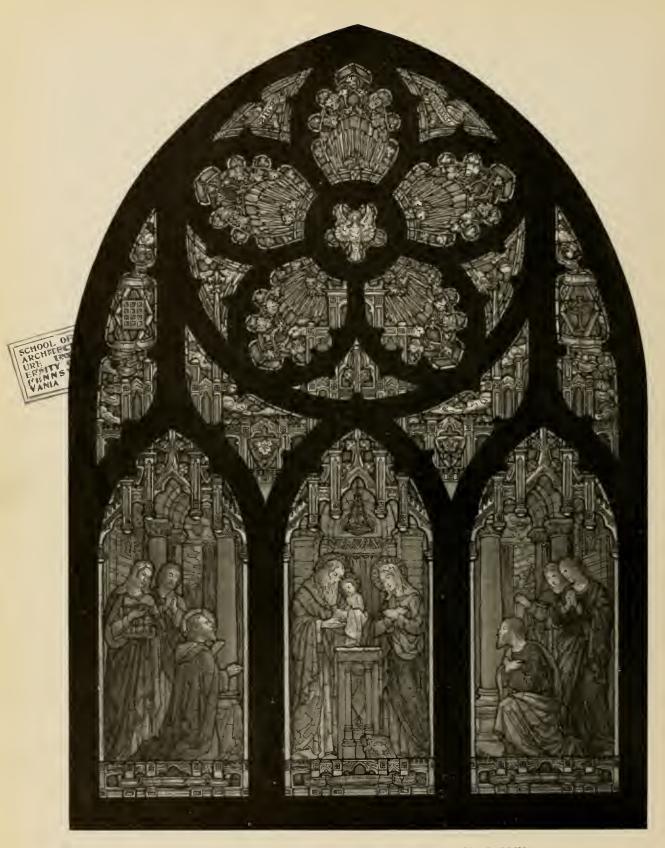




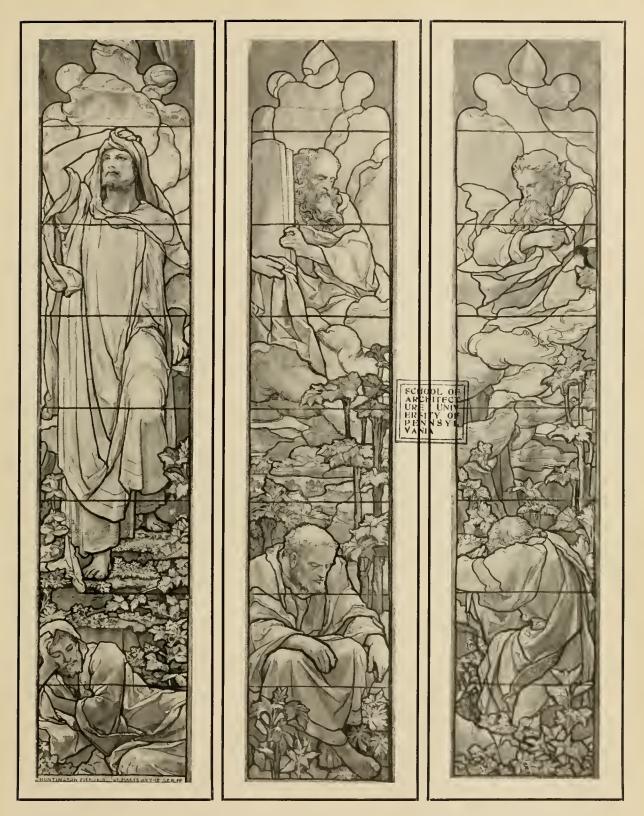


INTERIOR OF PROPOSED CHURCH FOR ST. PAUL'S PARISH.
Zantzinger, Borie & Medary, Architects.





MEMORIAL WINDOW FOR ST. SIMEON'S CHURCH, PHILADELPHIA.
By The D'Ascenzo Studios.



DESIGN FOR WINDOW IN CATHEDRAL AT SIOUN FALLS, S. D. By Frederick Wilson.



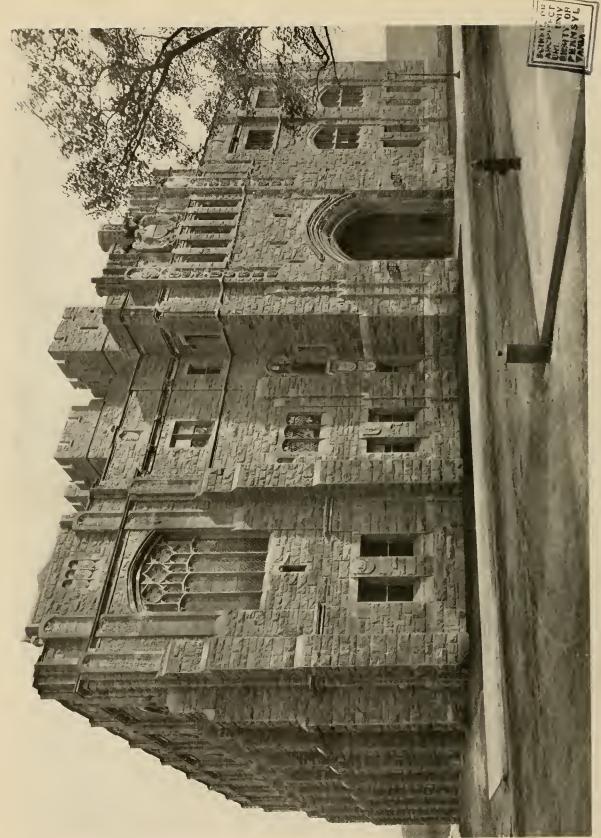
SUGGESTED ARCHITECTURAL TREATMENT FOR POWER HOUSE EVANS, WARNER & BIGGER, ARCHITECTS.



LINDEN BAPTIST CHURCH, CAMDEN, N. J. TRUSCOTT & Moses, Architects.



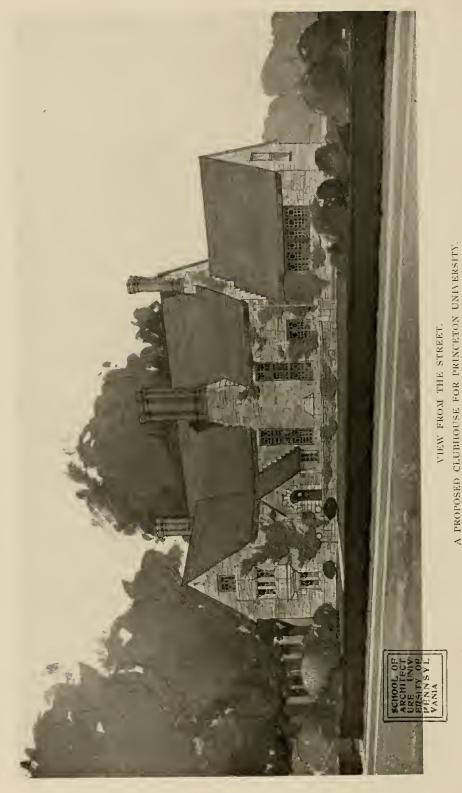
ENTRANCE, GYMNASIUM OF THE UNITED STATES MILITARY ACADEMY, WEST POINT, N. Y. CRAM, GOODHUE & FERGUSON. ARCHITECTS.



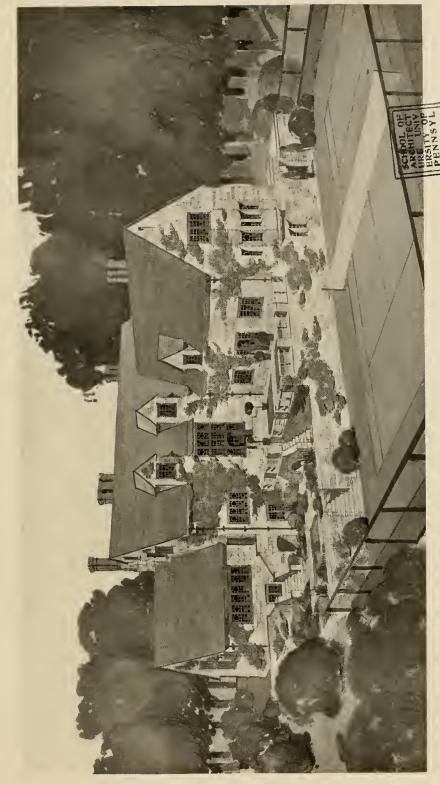
POST HEADQUARTERS, UNITED STATES MILITARY ACADEMY, WEST POINT, N. Y. CRAM, GOODHUE & PERGUSON, ARCHITECTS.



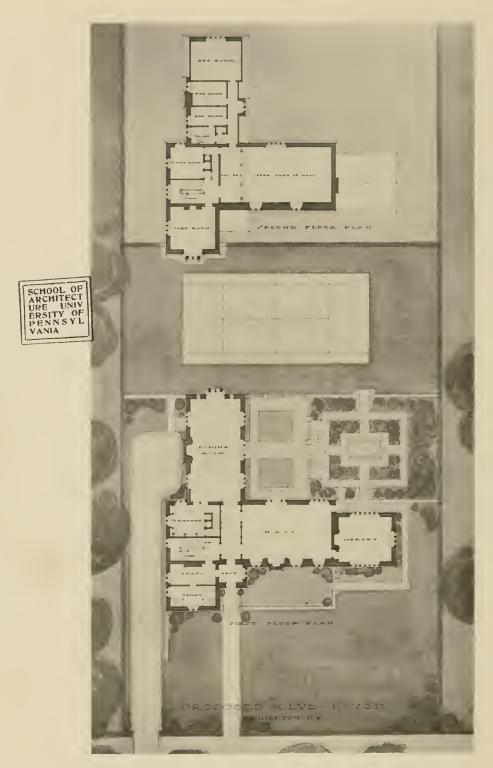
POST HEADQUARTERS, UNITED STATES MILITARY ACADEMY, WEST POINT, N. Y. CRAM, GOODHUE & FERGUSON, ARCHITECTS.



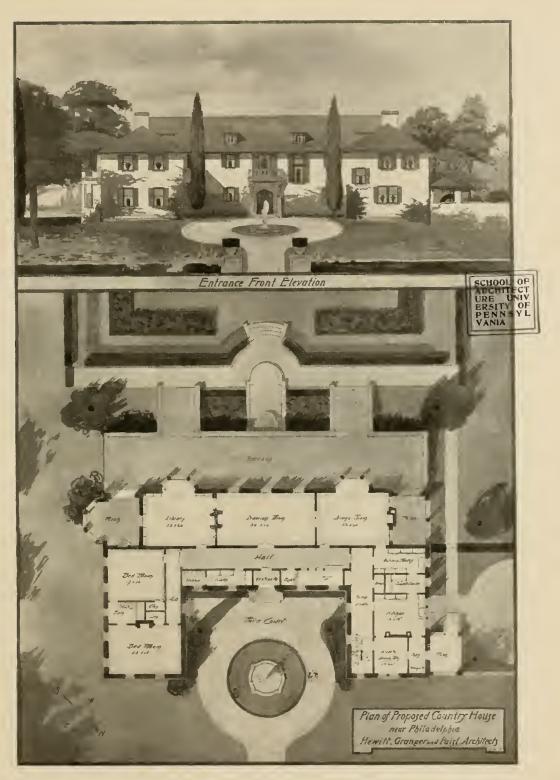
A PROPOSED CLUBHOUSE FOR PRINCETON UNIVERSITY. DAY BROTHERS & KLAUDER, ARCHITECTS.



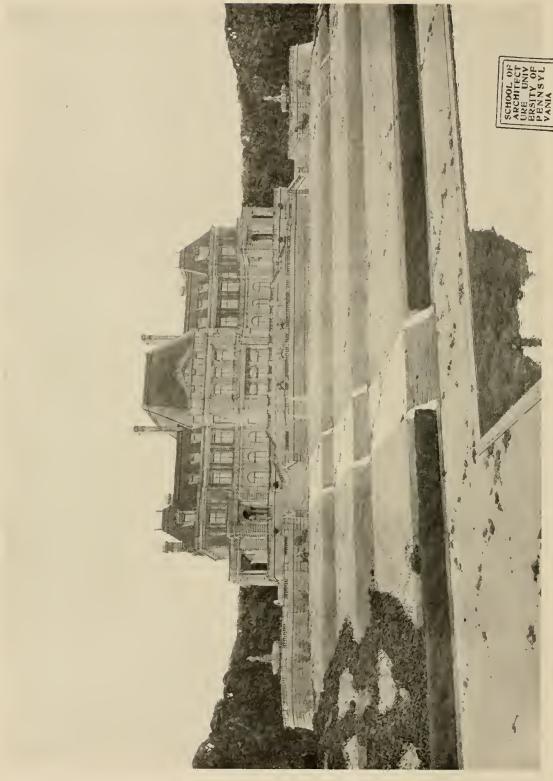
VIEW FROM THE GARDEN.
A PROPOSED CLUBHOUSE FOR PRINCETON UNIVERSITY.
DAY BROTHERS & KLAUDER, ARCHITECTS.



PLANS OF A PROPOSED CLUBHOUSE FOR PRINCETON UNIVERSITY, Day Brothers & Klauder, Architects.



PROPOSED COUNTRY HOUSE NEAR PHILADELPHIA. Hewitt, Granger & Paist, Architects.



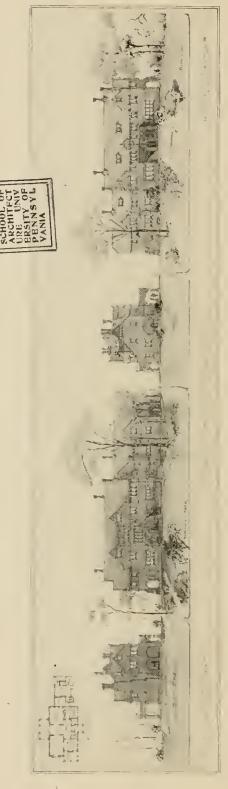
A PROPOSED COUNTRY RESIDENCE AT SOMERVILLE, NEW JERSEY. HORACE TRUMBAUER, ARCHITECT.



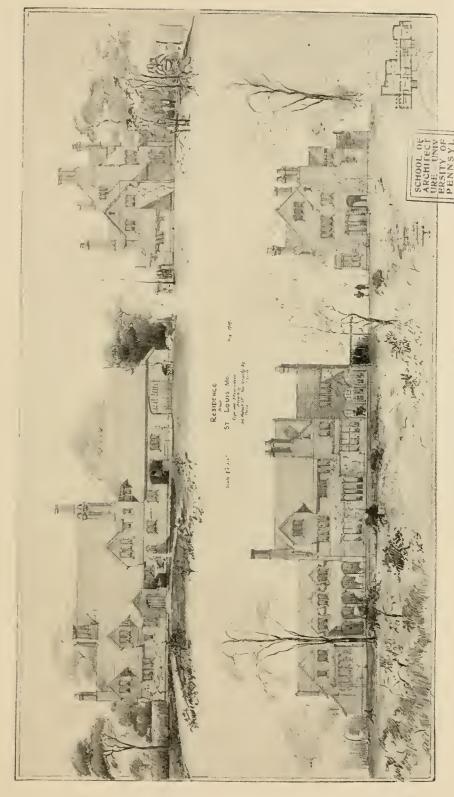
RESIDENCE OF DR. ERNEST FAHNESTOCK, SHREWSBURY, N. J. ALBRO & LINDEBERG, ARCHITECTS.



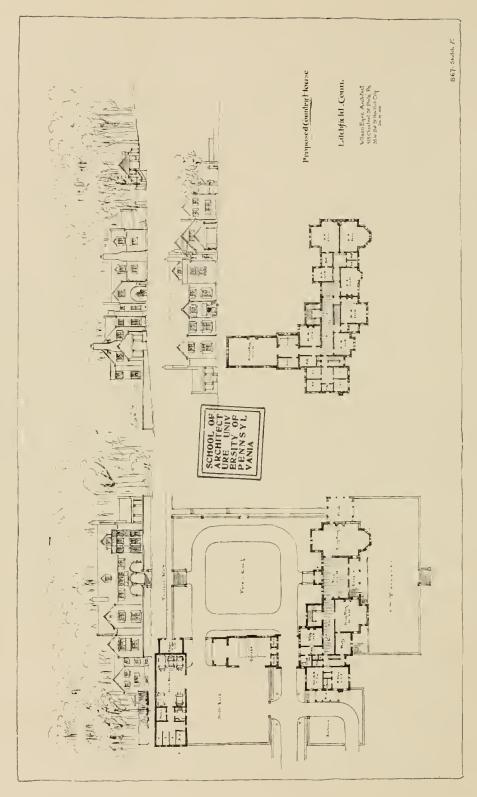
RESTORNCE NEAR PITTSBURGH, PA. Charles Bardon Kela, Architect,



A PROPOSED RESIDENCE AT BRENTWOOD, ST. LOUIS, MO. COPE & STEWARDSON, ARCHITECTS



A PROPOSED RESIDENCE NEAR ST. LOUIS, MO. COPE & STEWARDSON, ARCHITECTS



SKETCH, PLANS AND ELEVATIONS OF A PROPOSED COUNTRY HOUSE AT LITCHFIELD, CONNECTICUT.

Wilson Evre, Architect,



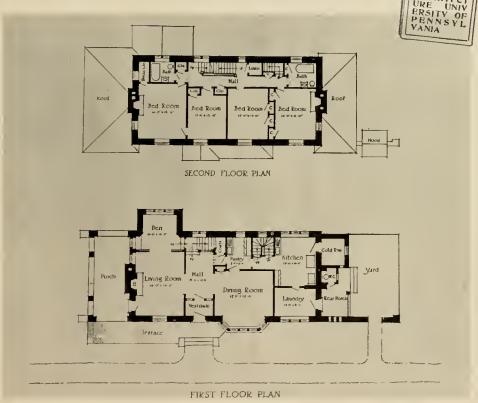




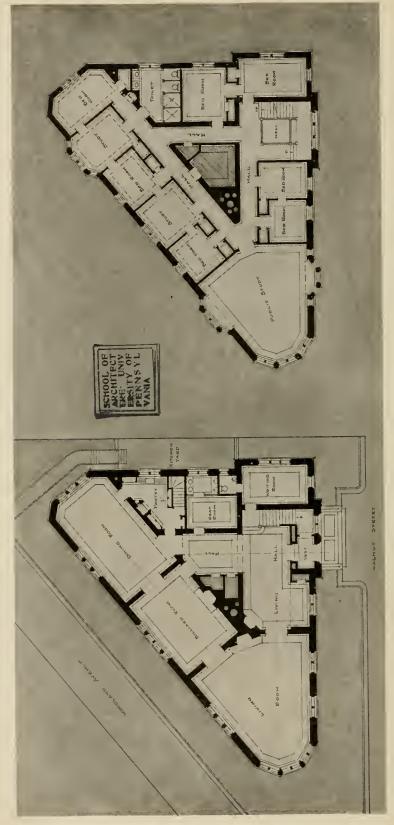
DETAIL OF CARNEGIE LIBRARY, SNOHOMISH, WASHINGTON. Evans, Warner & Begger, Architects.

RANKIN, KEILOGG & CRANE, ARCHITECTS,





A RESIDENCE AT WYNNEWOOD, PENNA.
D. Knickfreacker Boyd, Architect.



ZETA PSI FRATERNITY HOUSE, UNIVERSITY OF PENNSYLVANIA. THOMAS, CHURCHMAN & MOLITOR, ARCHITECTS.





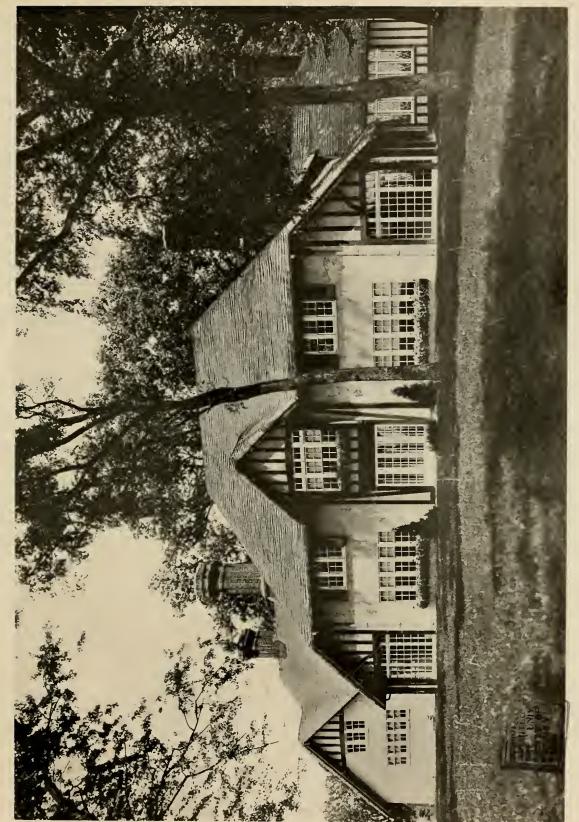
ZETA PSI FRATERNITY HOUSE, UNIVERSITY OF PENNSYLVANIA. THOMAS, CHURCHMAN & MOLITOR, ARCHITECTS.



THE THAYER RESIDENCE, HAVERFORD, PENNA. D. KNICKERBACKER BOYD, ARCHITECT.



HOUSE OF GEORGE DAVIDSON, ESQ. Albro & Linduberg, Architects.



HOUSE OF F. G. SCHMIDT, ESQ. ALBRO & LINDEBERG, ARCHITECTS.



ENTRANCE FROM THE FORECOURT, HOUSE AT EDGEWORTH, PENNA. Charles Barton Keen, Architect.

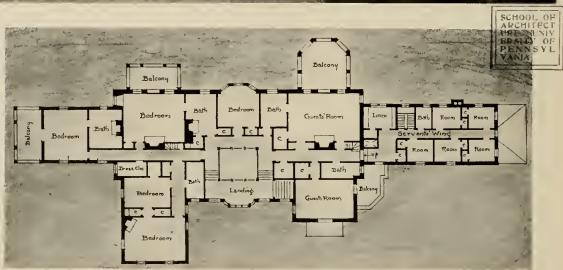


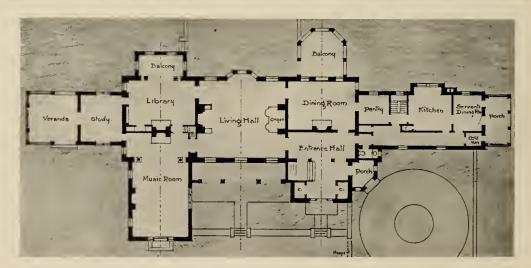
VIEW FROM GARDEN—HOUSE AT EDGEWORTH, PENNA. Charles Barton Keen, Architect.



A COUNTRY HOUSE NEAR PHILADELPHIA. Hewitt, Granger & Paiste, Architects.







HOUSE AT HUNTINGTON, LONG ISLAND, WILSON EYRE, ARCHITECT.







BILLIARD ROOM, "LONG MEADOW HOUSE," PROPERTY OF MR. S. W. COLTON, JR. Horace Wells Sellers, Architect.



THE HALL, "LONG MEADOW HOUSE," BRYN MAWR, PENNA.
HORACE WELLS SELLERS, ARCHITECT.



THE HALL, RESIDENCE OF P. M. SHARPLES, ESQ., WEST CHESTER, PENNA. CHARLES BARTON KEEN, ARCHITECT. THE HALE & KILBURN CO., DECORATORS.

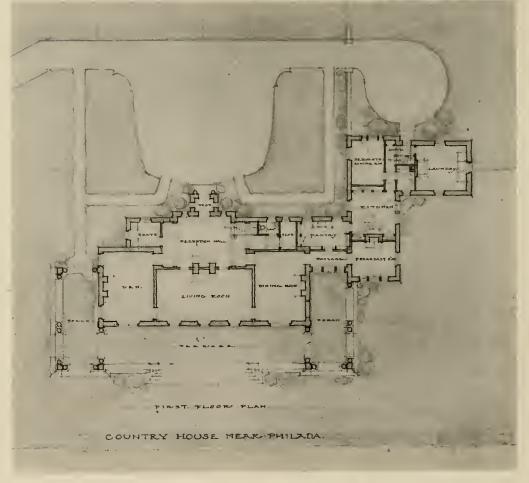


HOUSE AT CHESTNUT HILL, PHILA., FOR MR. CHARLES A. NEWHALL, BROCKIE & HASTINGS, ARCHITECTS.



PERGOLA, ESTATE OF N. McLEAN SEABREASE, ESQ., ST. MARTIN'S, PENNA. DUHRING, OKIE & ZIEGLER, ARCHITECTS.





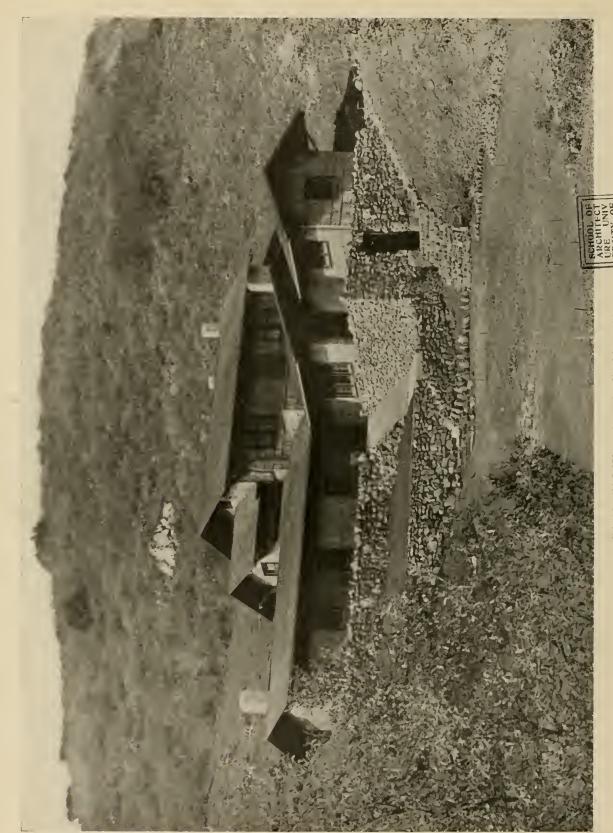
PERSPECTIVE AND PLANS FOR A COUNTRY HOUSE NEAR PHILADELPHIA. Day Brothers & Klauder, Architects.



CUDANY RANCH HOUSE, LOS ANGELES, CAL, ARTHUR R. KELLY, ARCHITECT,



HOUSES AT OUTEN LANE MANOR. Lawrence Vissener Boyd, Architect.



THE ALLEN RESHDENCE, HOLLYWOOD, CAL. ARTHUR R. KELLEY, ARCHITECT.



R. R. BLACKER RESIDENCE, PASADENA, CAL. GREENE & GREENE, ARCHITECTS.



THE FROST RESIDENCE, LOS ANGELES, CAL. ARTHUR R. KELLY, ARCHITECT.

1

PHILADELPHIA CHAPTER

OF THE

AMERICAN INSTITUTE OF ARCHITECTS

WM. D. HEWITT, President, 671 Bullitt Building, Philadelphia

JOHN HALL RANKIN, 1st Vice-President, M. B. MEDARY, JR., 2d Vice-President, 1012 Walnut Street, Philadelphia

139 S. Fifteenth Street, Philadelphia

HORACE WELLS SELLERS, Secretary, 1307 Stephen Girard Building, Philadelphia

J. P. B. SINKLER, Rec. Secretary. Bailey Building, Philadelphia

C. L. Borie, Jr., Treasurer, 139 S. Fifteenth Street, Philadelphia

LIST OF MEMBERS

OF

PHILADELPHIA CHAPTER, A. I. A.

BAILY, WILLIAM L.	Member	421 Chestnut Street
BALDERSTON, CHARLES	66	411 Walnut Street
Bassett, George G.	44	421 Chestnut Street
Bissell, Elliston P.	4.6	805 Bailey Building
Boggs, Edward T.		136 South 4th Street
Boyd, D. Knickerbacker	Fellow	N. E. Cor. 15th and Walnut
Boyd, Lawrence V.	Member	1215 Harrison Building
Brockie, Arthur H.	64	328 Chestnut Street
Borie, C. L., Jr.	46	N. E. Cor. 15th and Walnut
BUNTING, MORGAN	66	603 Chestnut Street
CASTOR, HORACE W.	6.6	1107 Stephen Girard Building
CHANDLER, T. P.	Fellow	328 Chestnut Street
CHURCHMAN, C. WHARTON	Member	1309 Walnut Street
CRANE, EDWARD A.	66	1012 Walnut Street
CRET, PAUL P.	66	Weightman Building
DAY, FRANK MILES	Fellow	925 Chestnut Street
DAY, H. KENT	Member	925 Chestnut Street
Eyre, Wilson, Jr.	Fellow	1003 Spruce Street
GARDNER, CLARENCE	Member	925 Chestnut Street
Granger, Alfred H.	6.6	671 Bullitt Building

HASTINGS, T. MITCHELL	Member	328 Chestnut Street
HEWITT, WM. D.	Fellow	671 Bullitt Building
HILLMAN, C. L.	Member	807 Provident Building
Hendrickson, E. E.	11	925 Chestnut Street
HARRIS, JOHN MCARTHUR	66	1061 Drexel Building
Jamieson, James P.	Fellow	320 Walnut Street
Johnson, Lindley	Member	1113 Harrison Building
•	Fellow	1012 Walnut Street
Kellogg, T. M.	r enow.	1524 Chestnut Street
Kelsey, Albert		925 Chestnut Street
Klaider, C. Z.	Member	
LACEY, ADIN B.		1012 Walnut Street
LAIRD, WARREN P. Hon		University of Pennsylvania
Lovatt, George I.		416 Walnut Street
Mason, George C.	Fellow	412 Perry Building
Moses, Arnold II.	Member	136 South 4th Street
Medary, Milton B., Jr.	Fellow	N. E. Cor. 15th and Walnut
Molitor, John	Member	1309 Walnut Street
Nolan, Thomas	Fellow	212 South DeKalb
Page, George B.	Member	1113 Harrison Building
Pearson, George T.	**	427 Walnut Street
Perot, Robeson Lea	44	26 South 17th Street
Perrot, Emille G.	44	1200 Chestnut Street
PRICHETT, WILLIAM C.	Fellow	416 Walnut Street
POTTER, WM. WOODBURN	Member	137 South 5th Street
Paist, P. E.	4.6	671 Bullitt Building
Plack, William L.	Fellow	1208 Chestnut Street
Rankin, John Hall	Member	1012 Walnut Street
REINHOLD, HARRY L.	44	10th and Sansom Streets
Schermerhorn, C. E.	4.6	430 Walnut Street
Seeler, Edgar V.	Fellow	Real Estate Trust Building
SHIRK, J. C. M.	Member	421 Chestnut Street
Sinkler, J. P. B.	11	Bailey Building
SMEDLEY, WALTER	**	904 Stephen Girard Building
Stearns, George R.	+4	1107 Stephen Girard Building
Stewardson, Emlen	4.	324 Walnut Street
SELLERS, HORACE WELLS	6.6	1307 Stephen Girard Building
THOMAS, JOHN D.	6.6	1501 Commonwealth Building
THOMAS, WALTER H.	6.6	1309 Walnut Street
Watson, Frank R.	4.6	1211 Walnut Street
WINDRIM, JAMES H.	Fellow	1501 Commonwealth Building
Windrim, John T.	Member	1501 Commonwealth Building
Wolf, Otto C.	44	Denckla Building
Zantzinger, C. C.	4.6	N. E. Cor. 15th and Walnut
Ziegler, Charles A.	66	705 Bailey Building

CHAPTER MEMBERS

NOT MEMBERS OF THE INSTITUTE

Adams, Alexander M.

BLITHE, WESLEY L.

BAKER, L. C., JR.

Coneys, John

CAVIN, WILLIAM B.

DULL, JOHN J.

DUHRING, HERMAN L.

ERSKINE, RICHARD

EVANS, E. C.

EVANS, ALLEN

FISHER, C. STANLEY

FETTEROLF, E. H.

Frank, J. Horace

GROBEN, W. E.

HARRIS, J. RUSSELL

HEACOCK, J. LINDEN

Hokanson, Oscar M.

KEEN, CHAS. BARTON

MELLOR, WALTER

Morris, George S.

OELSCHLAGER, CHARLES A.

PRICE, WALTER F.

PRICE, WILLIAM L.

REMINGTON, CLEMENT

SAVERY, ALBERT H.

SAVERY, ADDISON H.

Scheetz, William C.

SHRIGLEY, ARTHUR

STEVENS. B. R.

SHARPLEY, W. W.

TRUSCOTT, ARTHUR

TRUMBOWER, WERNER

Wise, Herbert C.

WOOD, WILLIAM A.

1012 Walnut Street

608 Chestnut Street

1629 Chestnut Street

N. E. Cor. 15th and Walnut

1501 Commonwealth Building

1007 Witherspoon Building

Bailey Building

1003-1004 Crozer Building

Witherspoon Building

Provident Building

Rutledge, Penna.

1524 Chestnut Street

119 Springfield Ave., Chestnut

Hill, Phila.

Witherspoon Building

N. E. Cor. 15th and Walnut

1218 Chestnut Street

1218 Chestnut Street

1218 Chestnut Street

821 Lafayette Building

1003-1004 Crozer Building

1009 Harrison Building

714 Walnut Street

1529 Walnut Street

1329 Walnut Street

City Hall

1326 Stephen Girard Building

1326 Stephen Girard Building

1326 Stephen Girard Building

603 Chestnut Street

1737 Filbert Street

904 Stephen Girard Building

Drexel Institute

1420 Chestnut Street

34 South 16th Street

671 Bullitt Building

THE T SQUARE CLUB

Charles Z. Klauder, President, 925 Chestnut Street.

JOHN MOLITOR, Vice-President, 1309 Walnut Street.

HENRY B. WARD, Treasurer, Witherspoon Building.

OSCAR M. HOKANSON, Secretary, 905 Bailey Building.

Directors:

JOHN S. SCHWACKE,

MILTON B. MEDARY, JR.,

HERMAN L. DUHRING, JR.

MEMBERSHIP

HONORARY

BAUGH, DANIEL COATES, EDWARD H. ELY, THEODORE N. HARRISON, CHARLES C. MILLER, LESLIE W. 16th and Locust Sts., Philadelphia. 2024 Spruce St., Philadelphia. Broad Street Station, Philadelphia. 400 Chestnut St., Philadelphia. School of Industrial Art, Broad and Pine Sts., Philadelphia.

LIFE

1007 Witherspoon Bldg., Philadelphia. Scotland. 136 S. 4th St., Philadelphia. 904 Stephen Girard Bldg., Philadelphia. Drexel Institute, Philadelphia.

ACTIVE

718 S. 21st St., Philadelphia. 1012 Walnut St., Philadelphia. 720 Berks St., Philadelphia.

421 Chestnut St., Philadelphia.
3224 Wallace St., Philadelphia.
421 Chestnut St., Philadelphia.
320 Walnut St., Philadelphia.
1828 Wallace St., Philadelphia.
1529 Walnut St., Philadelphia.
4136 Pennsgrove St., Philadelphia.
805 Bailey Bldg., Philadelphia.
6407 N. 12th St., Philadelphia.
608 Chestnut St., Philadelphia.
3451 Chestnut St., Philadelphia.
128 N. 51st St., Philadelphia.
1007 Witherspoon Bldg., Philadelphia.
139 S. 15th St., Philadelphia.
89 W. Sharpnack St., Philadelphia.
139 S. 15th St., Philadelphia.

DULL, JOHN J. KENNEDY, R. G. MOSES, ARNOLD H. SMEDLEY, WALTER TRUSCOTT, ARTHUR

Abele, Julian F. Adams, Alexander M. Albright, F. P., Jr.

BAILY, WILLIAM L.
BAKER, HOWARD E.
BASSETT, GEORGE G.
BAUER, CHARLES H.
BAUM, GEORGE CROLL
BENCKER, GEORGE B.
BISHOP, ARTHUR C.
BISSELL, E. P.
BISWANGER, C. THEODORE
BLITHE, WESLEY LESHER
BODINE, FRANK LEE
BOGIA, CLARENCE M.
BOLTON, CHARLES H.
BORIE, CHARLES L., JR.
BORZNER, A. C.
BOYD, DAVID KNICKERBACKER

Boyd, Lawrence Visscher Bright, John Irwin Brockie, Arthur H. Brugger, John T. Burrell, Horace 11.

CLARK, LAWRENCE
CLEVENGER, ELLSWORTH H.
COOK, J. HORACE
COPE, C. EDGAR
COPE, JOHN S.
CRANE, E. A.
CRESSON, WILLIAM PENN
CRET, PAUL P.

D'Ascenzo, Nicola Dawson, George W. Day, Frank Miles Day, H. Kent Delk, Edward Burhler Dickhut, Roger Milton Di Nardo, Antonio Dorsey, Lewis M., Jr. Duhring, Herman L., Jr. Dunlap, M. Edmunds Durang, F. Ferdinand

EDMUNDS, FRANKLIN D. ELLINGTON, DOUGLAS D. EVANS, EDMUND C. EVANS, G. GERALD EVRE, WILSON

Frank, J. Horace Fisher, Clarence S.

GALLOWAY, WALTER B.
GARDNER, CLARENCE
GRANGER, ALFRED HOYT
GROBEN, WILLIAM EDWARD
GUNDLACK, BERNARD E.

Harbeson, J. F.
Harris, James R., Jr.
Hastings, T. Mitchell
Henon, Paul J., Jr.
Hewitt, Wm. D.
Hickman, Louis C.
Hindermeyer, Gilbert L.
Hokanson, Oscar M.
Howard, A. C.

IDELL, GEORGE S.

Jamieson, James P. Johnson, Virgil L.

1215 Harrison Bldg, Philadelphia.
1701 Chestnut St., Philadelphia.
328 Chestnut St., Philadelphia.
1524 Chestnut St., Philadelphia.
404 East Gowen Ave., Mt. Airy, Phila.

1021 Witherspoon Bldg., Philadelphia, 1628 Market St., Philadelphia. 742 City Hall, Philadelphia. 6138 Chancellor St., Philadelphia. Awbury, Germantown, Philadelphia. 1012 Walnut St., Philadelphia. 18th and Allegheny Ave., Philadelphia. 303 S. 40th St., Philadelphia.

1608 Ludlow St., Philadelphia.
3715½ Chestnut St., Philadelphia.
925 Chestnut St., Philadelphia.
925 Chestnut St., Philadelphia.
630 N. Broad St., Philadelphia.
795a City Hall, Philadelphia.
1119 Kimball St., Philadelphia.
Stephen Girard Bldg., Philadelphia.
1218 Chestnut St., Philadelphia.
152 Queen St., Falls of Schuylkill.
1200 Chestnut St., Philadelphia.

6423 West Chester Rd., Millbourne, Pa. Drexel Institute, Philadelphia. Witherspoon Bldg., Philadelphia. 19 S. 16th St., Philadelphia. 1003 Spruce St., Philadelphia.

5230 Angora Ave., Philadelphia. 119 Springfield Ave., Chestnut Hill, Pa. 903 S. 49th St., Philadelphia.

3817 Walnut St., Philadelphia. 925 Chestuut St., Philadelphia. 1523 Locust St., Philadelphia. 1021 Witherspoon Bldg., Philadelphia. 2113 N. 4th St., Philadelphia.

132 W. Walnut Lane, Germantown, Pa. Art Club. Philadelphia.
328 Chestnut St., Philadelphia.
6124 Walnut St., Philadelphia.
Bullitt Bldg., Philadelphia.
328 Chestnut St., Philadelphia.
168 Mayland St., Gtn., Philadelphia.
1218 Chestnut St., Philadelphia.
Wallingford, Del. Co., Pa.

1117 Harrison Bldg., Philadelphia.

320 Walnut St., Philadelphia. 742 City Hall, Philadelphia. KARCHER, WALTER T.
KEAST, W. RICHARD MORTON
KEEN, CHARLES BARTON
KEISKER, FRANK H.
KELLOGG, THOMAS M.
KELSEY, ALBERT
KETTERER, GUSTAV
KING, GUY
KLAUDER, CHARLES Z.
KLEINFELDER, HERMAN E.
KLINGES, J. PETER, JR.
KOYL, GEORGE S.

LACEY, ADIN B. LAIRD, WARREN P.

McMurtrie, Harry G.
Magaziner, Louis
Martin, Sydney E.
Medary, Milton B., Jr.
Meigs, Arthur Ingersoll
Mellor, Walter
Mills, Coleman S.
Moliter, John
Moniot, Achille E.
Morris, George Spencer
Mowere, John H.

Nolan, Thomas North, Charles II.

OELSCHLAGER, CHARLES E.

PAGE, GEORGE BISPHAM
PAIST, PHINEAS E.
PARKER, H. HANLEY
PARRY, J. CHARLES
PARRY, OLIVER RANDOLPH
PEARCE, HOLLINGSWORTH
PETRY, VICTOR J.
POTTER, WILLIAM WOODBURN

RABENOLD, CHARLES FOLK RANKIN, JOHN HALL REGISTER, HENRY B. REHFUSS, GEORGE U. REINHOLD, HENRY L., JR. ROBERTS, SPENCER RUSH, LOUIS H.

SAUER, ANDREW J.
SAVERY, ADDISON H.
SCHAEF, CHARLES F.
SCHENCK, ALBERT F.
SCHERMERHORN, C. E.
SCHERR, LOUIS V.

Crozer Bldg., Philadelphia.
6360 McCallum St., Gtn., Philadelphia.
1008 Bailey Bldg., Philadelphia.
614 Perry Bldg., Philadelphia.
1012 Walnut St., Philadelphia.
Weightman Bldg., Philadelphia.
1502 Walnut St., Philadelphia.
1513 Walnut St., Philadelphia.
925 Chestnut St., Philadelphia.
1001 Provident Bldg., Philadelphia.
1335 Franklin St., Philadelphia.
University of Pennsylvania, Phila.

1012 Walnut St., Philadelphia. University of Pennsylvania, Phila.

3610 N. 35th St., Philadelphia. 137 S. 5th St., Philadelphia. 3341 Walnut St., Philadelphia. 139 S. 15th St., Philadelphia. Lafayette Bldg., Philadelphia. Lafayette Bldg., Philadelphia. 613 Harrison Bldg., Philadelphia. 1309 Walnut St., Philadelphia. 2153 N. 19th St., Philadelphia. Crozer Bldg., Philadelphia. 3110 Columbia Ave., Philadelphia.

Dept. of Arch., U. of P., Philadelphia. Glenolden, Delaware Co., Pa.

1009 Harrison Bldg., Philadelphia.

1117 Harrison Bldg., Philadelphia.
671 Bullitt Bldg., Philadelphia.
1710 Chestnut St., Philadelphia.
1228 Walnut St., Philadelphia.
1723 Chestnut St., Philadelphia.
4323 Larchwood Ave., Philadelphia.
Real Estate Trust Bldg., Philadelphia.
137 S. 5th St., Philadelphia.

1408 Land Title Bldg., Philadelphia. 1012 Walnut St., Philadelphia. Haverford, Pa. 1524 Chestnut St., Philadelphia. 10th & Sansom Sts., Philadelphia. 1524 Chestnut St., Philadelphia. Mutual Life Bldg., Philadelphia.

1112 Chestnut St., Philadelphia. 1326 Stephen Girard Bldg., Phila. 2009 Mifflin St., Philadelphia. 500 N. 34th St., Philadelphia. 430 Walnut St., Philadelphia. 5534 N. Lawrence St., Olney, Pa. SCHWACKE, JOHN STRUBING SCHWEBEL, EDWARD J.
SEEBURGER, FRANK
SEELER, EDGAR V.
SELLERS, HORACE WELLS
SHARPLEY, WM. W.
SIMON, GRANT M.
SINKLER, JOHN P. B.
SPOERL, CHRISTIAN G.
STANTON, WILLIAM C.
STEVENSON, COLLIER
STEWARDSON, EMLEN L.
STREET, J. FLETCHER
STUCKERT, F. RUSSELL
SWINDELLS, EDWARD JAMES

THOMAS, J. D.
THOMAS, WALTER H.
TILDEN, MARMADUKE, JR.
TROUT, WETHERILL P.
TRUMBAUER, HORACE

WAGER-SMITH, E.
WALDNER, FRANK
WALTON, WM. MCKEE
WARD, ALFRED LEWIS
WARD, HENRY B.
WETHERILL, HERBERT J.
WIGHTMAN, EDGAR A.
WINDRIM, JOHN T.
WOOD, HENRY D.

Yardley, E. H. Yocom, Stanley

Zantzinger, C. C. Ziegler, Charles A. 1012 Walnut St., Philadelphia.
2026 Broadway, Camden, N. J.
Penna, Bldg., Philadelphia.
1710 Real Estate Trust Bldg., Phila.
1301 Stephen Girard Bldg., Phila.
5705 Spruce St., Philadelphia.
University of Pennsylvania, Phila.
805 Bailey Bldg., Philadelphia.
325 Pine St., Philadelphia.
326 Pine St., Philadelphia.
327 Walnut St., Philadelphia.
328 Walnut St., Philadelphia.
329 Walnut St., Philadelphia.
329 Walnut St., Philadelphia.
320 Chestnut St., Philadelphia.
321 W. Logan St., Gtn., Philadelphia.

1501 Commonwealth Bldg., Phila.
1309 Walnut St., Philadelphia.
320 Walnut St., Philadelphia.
328 Chestnut St., Philadelphia.
1408 Land Title Bldg., Philadelphia.

Front and Arch Sts., Camden, N. J. 742 City Hall, Philadelphia. 714 Walnut St., Philadelphia. Stephen Girard Bldg., Philadelphia. 628 Witherspoon Bldg., Philadelphia. Brown Bros. Bldg., Philadelphia. 1513 Walnut St., Philadelphia. 1501 Commonwealth Bldg., Phila. 324 Earlham Terrace, Gtn., Phila.

1701 Chestnut St., Philadelphia. 5517 Morris St., Gtn., Philadelphia.

139 S. 15th St., Philadelphia. 705 Bailey Bldg., Philadelphia.

NON-RESIDENT

Anderson, Helge Anderson, Walter B.

Bastow, Abram Betelle, J. Oscar Blair, Walter D. Brazer, Clarence Wilson

Calvert, Louis Lay Campbell, J. Shiras Clements, S. O. Cunningham, Bertram

Dales, E. Lewis Degarmo, Walter C.

FARLEY, FRANCIS S.

2857 Shakespeare St., Chicago, III. 185 Amherst St., East Orange, N. J.

7 W. 38th St., N. Y. 25 W. 32d St., New York, Cobb Lane, Tarrytown, N. Y. 1133 Broadway, New York,

34 E. 32d St., New York. 333 N. Broad St., Elizabeth, N. J. Dover, Del. 160 Fifth Ave., New York.

344 W. 23d St., New York. Miami, Fla.

190a Decatur St., Brooklyn, N. Y.

FENHAGEN, GEORGE CORNER FENTON, WARDEN H. FEUSTMANN, MAURICE M.

GUIBERT, PAUL A.

HAUER, HARVEY T. HAWLEY, E. H. HAYS, HENRY B.

Hays, William Charles Herman, Thomas B. Hettle, Joseph N. Hill, Harry A. Holmes, Gerald A. Hoover, Ira W. Howell, Carl Eugene

JUDELL, WALTER W.

KENNEDY, JAMES N. KIRK, CHESTER H.

LLOYD, CHARLES HOWARD LONG, BIRCH BURDETTE

McGrew, Carl A. Maurer, Harry Millard, Julian

PILCHER, LOUIS F. POGGI, EDMUND H.

RAIGUEL, WILLIAM O. RINEHART, WARDEN T. RING, JONATHAN

SCHEFFER, MORRIS
SCHUCHARDT, WM. H.
SIEGEL, P. RAYMOND
SMITH, HARVEY NEWCOMB
SWALES, FRANCIS S.

TAYLOR, J. HOWARD

TEMPLE, THOMAS B. THOMPSON, JOHN D., JR.

URBAN, C. EMLEN

WATMOUGH, RICHARD L.

Weaver, Rudolph Whiteside, G. Morris Willauer, Arthur E. Asst. Gov't Architect, Manila, P. I. Board of Education, Newark, N. J. Saranac Lake, N. Y.

122 W. 42d St., New York.

8th & Cumberland Sts., Lebanon, Pa.
1321 Otis Place, Washington, D. C.
Construction Dept., Board of Education,
City Hall, Newark, N. J.
Atlas Bldg., San Francisco, Cal.
38 Elberon Place, Albany, N. Y.
Waterford, N. Y.
40 E. State St., Trenton, N. J.
160 Fifth Ave., New York.
1618 Monadnock Bldg., Chicago, Ill.
151 E. Broad St., Columbus, Ohio.

114 E. 28th St., New York.

Security, Md. 20 Broad St., New York.

216 Market St., Harrisburg, Pa. 100 W. 80th St., New York.

1223 James Bldg., Chattanooga, Tenn. 35 N. 6th St., Reading, Pa. Altoona, Pa.

109 Lexington Ave., New York. Coal Exchange, Wilkes-Barre, Pa.

6410 Farrell St., San Francisco, Cal. 1902 Park Ave., Baltimore, Md. Lake George, New York.

124 W. 30th St., Bayonne, N. J.
716 Goldsmith Bldg., Milwaukee, Wis.
1105 Schofield Bldg., Cleveland, Ohio.
Box 417, Far Rockaway, L. I.
26 Woodstock Road, Bedford Park, London, W.

Supt. Architect's Office, Treasury Dept., Washington, D. C. 326 Lexington Ave., New York. 608 Ford Bldg., Wilmington, Del.

212 East King St., Lancaster, Pa.

2032 Columbia Road, N.W., Washington, D. C.
418 Franklin St., Urbana, Ill.
Dupont Bldg., Wilmington, Del.
156 Fifth Ave., New York.

THE T SQUARE CLUB ATELIER

ORGANIZED 1903

Atelier Committee:

WALTER H. THOMAS, Chairman.

CHARLES H. BAUER.

M. Edmunds Dunlap.

JOHN P. B. SINKLER.

ARTHUR H. BROCKIE.

OFFICERS

Patron, C. C. Zantzinger.

Massier, Frederick W. Hauptle. Sous Massier, J. Walter Cope. Bibliothécaire, Jos. V. Phelan.

MEMBERS

ABEL, V. D.

Andrews, M. T.

COPE, J. W.

DAGIT, F. D.

Foster, H. C.

GENTHER, F.

HAUPTLE, F. W.

HOWARD, R. G.

KLINE, H. H.

KOELLE, WM. F. B.

MEGRAIL, A.

MORGAN, FRED

NICHOLSON, J. L.

PALMER, CHAS. T.

Phelan, Jos. V.

RANDOLPH, L. L.

Ricii, H. E.

Rieger, H. E.

SEIPEL, J. E.

STANTON, WM. C.

SWEENEY, JAMES

Scheuringer, C. A.

WEIDNER, C. L.

WEIGHMAN, E. H.

1204 Chancellor St.

1204 Chancellor St.

137 S. 5th St.

411 Walnut St.

1204 Chancellor St.

325 Chestnut St.

139 S. 15th St.

16th and Chestnut Sts.

817 Bainbridge St.

135 S. 15th St.

1326 Stephen Girard Bldg.

135 S. 15th St.

1117 Harrison Bldg.

1701 Chestnut St.

1211 Arch St.

1524 Chestnut St.

1208 Chestnut St.

Real Estate Trust Bldg.

2247 N. 19th St.

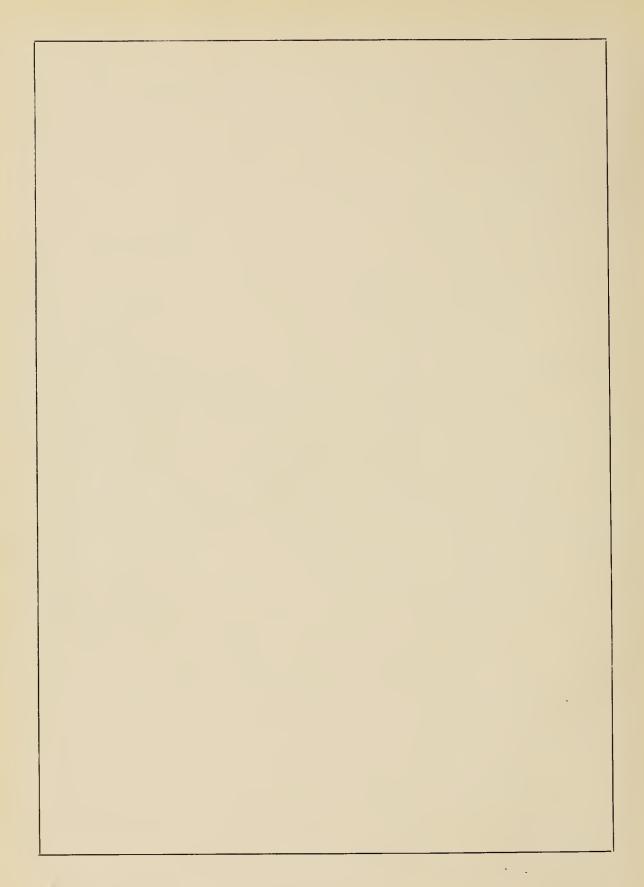
4622 Cedar Ave.

325 Chestnut St.

1218 Chestnut St.

1211 Walnut St.

1204 Chancellor St.





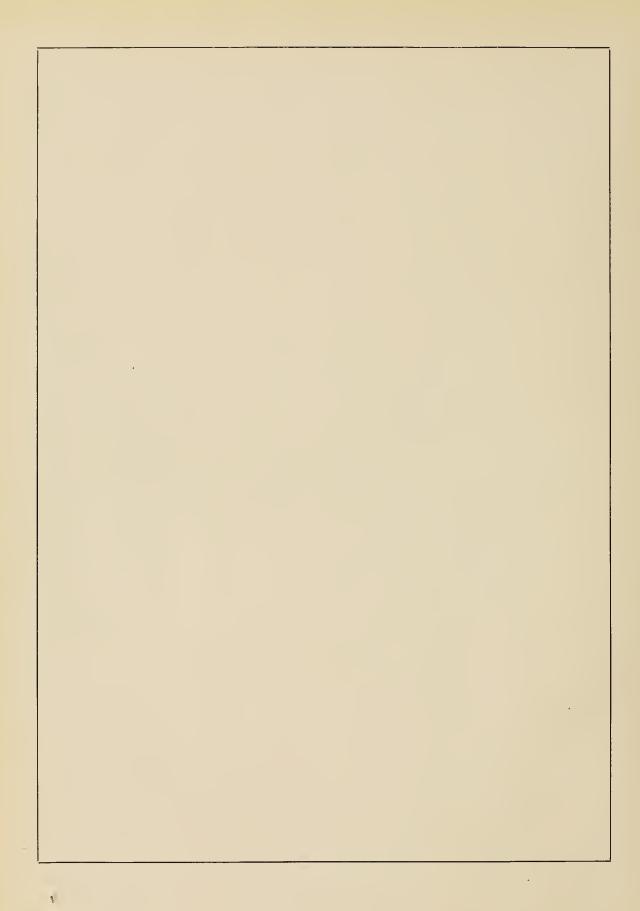
WEST PEDIMENT, WISCONSIN STATE CAPITOL,
DESIGNED BY KARL BITTER.

Advertisers

ARCHITECTURAL METAL WORK	CASEMENT WINDOWS AND SASHES
PAGE Wanamaker, John	Deissler, P. & Bro
ARCHITECTURAL PHOTOGRAPHY	CEMENTS
American Suburbs	Atlas Portland Cement Co
ARCHITECTURAL WOODWORK	Borgner, Cyrus
Adams, Daniel 110 Barber, John 106 Hale & Kilburn Co., The 113	French & Company, Samuel H146-147 Knickerbocker Lime Co
Hartmann-Sanders Co	ment Co
BOILERS	CONTRACTORS AND BUILDERS
American Radiator Co	Appleton & Burrell 150 Ballinger & Co., R. C 160
BRICK MANUFACTURERS AND DEALERS	Cornell & Son, J. S
Hydraulic -Press Brick CoThird Cover Ketcham, O. W	Dougherty, William R. 142 Gill & Co., John. 130 Mitchell Bros. 136 Reilly, Thomas. 130 Stevens, Inc., W. John. 128
BUILDERS EXCHANGE	Wallace, Frank E 144
Master Builders ExchangeBack Cover	CONCRETE CONSTRUCTION
BUILDING MATERIAL DeFrain Sand Company	Turner-Forman Concrete Steel Co 162 DECORATORS AND FURNISHERS
CARPETS AND RUGS Wanamaker, John	Hale & Kilburn Co., The113Pooley Furniture Co.111Wanamaker, John.124-125

ELECTRICAL CONTRACTORS AND ENGINEERS	HARDWARE MANUFACTURERS AND DEALERS
PAGE	PAGE
Buchanan & Co., J. F. 160 Francis Bros. & Jellett, Inc. 10°) Keller-Pike & Co. 142	Casement Hardware Co. 110 Corbin, P. & F. 123 Sargent & Co. 138
Rener-rike & Co	Stanley Works, The
ELECTRIC SERVICE AND EQUIP- MENT	Yale & Town, Mfg. Co
General Electric Co	HARDWOOD FLOORS
Philadelphia Electric Co	Wanamaker, John
ELEVATORS	NEERS AND CONTRACTORS
A. B. See Elevator Co	Bowers Bros. & Co
ENGRAVING AND PLATE MAKING	HINGES
Beck Engraving Co	Stanley Works, The
FIRE BRICK AND CLAY RETORTS	HORTICULTURAL ARCHITECTS AND BUILDERS
Borgner Co., Cyrus	Lord & Burnham Co. 153 Pierson U. Bar Co. 159
FIREPLACE FITTINGS	LIGHTING FIXTURES
French & Co., Samuel H	Enos Company, The
FIREPROOF BUILDING MATERIALS	MANTELS AND TILES
Cooper & Lucus	French & Co., Samuel H146-147 Wanamaker, John124-125
Ketcham, O. W	MILLWORK
FURNACES, RANGES AND GAS	Adams, Daniel
RANGES TAVE GAS	MODELERS AND CARVERS
Cox Stove Co., Abram	Whitman Studios
Makin Heating Co	MOSAICS
	Wanamaker, John124-125
FURNITURE	PAINTING, DECORATING AND
Hale & Kilburn Co., The	PAPERHANGING
Keller, Ferdinand	Huneker & Son
Pooley Furniture Co	Wanamaker, John124-125
GARDEN POTTERY	PAINTS, OILS AND VARNISII
Galloway Terra Cotta Co 106	Berry Bros., Ltd
Whitman Studios	Lewis & Brother, John T 117
GLASS	National Lead Co
Heinigke & Bowen142	Standard Varnish Co

PAVING	SHINGLE STAIN
Geshwind, Herbert W 151 PLUMBING	Cabot, Samuel
Leinau, Roberts	
	STATUARY
PLUMBING GOODS AND SANITARY SPECIALTIES	Galloway Terra Cotta Co 106
Haines, Jones & Cadbury Co 104	STEAM TRAPS
Haynes Thompson Co	Watson & McDaniel Co
Standard Sanitary Mfg. Co102-103	TERRA COTTA
RADIATORS	Conkling-Armstrong Terra Cotta Co., 115
American Radiator Co 107	Ketcham, O. W140-141
Smith & Co., The H. B	TILES
REFRIGERATORS	French & Co., Samuel H146-147
McCray Refrigerator Co 151	Wanamaker, John124-125
REGISTERS	WALL COATING
Tuttle & Bailey Mfg. Co	Freuch & Co., Samuel H146-147
ROOFING MATERIALS	WALL TIES
Barrett Mfg. Co119-120-121-122	French & Co., Samuel H146-147
Ketcham, O. W	WEATHER STRIPS
Ludowici-Celadon Co	Chamberlin Metal Weather Strip Co 105 Higgin Mfg. Co
SASH CORDS .	WINDOW SCREENS
Samson Cordage Co	Burrowes Co The E. T





Burrowes Rustless Screens

MADE ONLY TO ORDER

- For good houses, office buildings, club houses, hotels, hospitals, etc. Strongest, most durable and handsomest screens made.
- ¶ Burrowes Lockstrip Method of Wiring prevents netting from sagging or pulling out. Every strand of wire held securely in place.
- Burrowes Copbronze Netting guaranteed not to rust in any climate.
- © Over 250,000 American homes fitted with our screens.
- ¶ Sent on trial. Fit and workmanship guaranteed. We pay the freight.
- We make the best all metal screens on the market, frames rigid, easily rewired.

For details and free estimate write

THE E. T. BURROWES CO.

PHILADELPHIA OFFICE

708 Real Estate Trust Building, Broad and Chestnut Streets
A. E. SNOWMAN, Manager

Factories and Home Office: Portland, Maine, U. S. A.



Main floor "Standard" Philadelphia Showroom, looking to rear



View showing rear half and offices on main floor of the "Standard" Philadelphia Showroom

"Standard" Philadelphia Showrooms

THE illustrations shown on this and the following page represent the interior of the "Standard" Philadelphia Showrooms, which, since being instituted, have proven to be of great utility to architects, plumbers and con-

tractors in the city and vicinity, and we hope they will continue so in the future.

No trouble has been spared to make the display of "Standard" Plumbing
Fixtures representative of the latest and best in sanitary plumbing equipment and as comprehensive as possible.



Main floor "Standard" Philadelphia Showroom, looking to front

These Showrooms are open every business day of the year and architects are specially invited to utilize the facilities afforded. Direct your clients



Basement floor exhibit "Standard" Philadelphia Showroom

to the "Standard" Showrooms where they are assured the most courteous treatment.

Another view of basement floor exhibit "Standard" Philadelphia Showroom

SHOW:ROOMS 1128 Walnut Street Standard Sanitary Mfg. Co.

GENL, OFFICES Pittsburgh, Pa.



BUREAU OF AMERICAN REPUBLICS
"Pan-American Building"
Washington, D. C.
Albert Kelsey & Poul Cret, Associate Architects

HAJOCA Plumbing Fixtures exclusively were used in this building

Some other recent typical "Hajoca" installations:—

Sanitarium Buildings, White Haven, Pa. Cope & Stewardson, Architects.

St. Gabriel's School, Peekskill, N. Y. Cram, Goodhue & Ferguson, Architects.

Shepard & Enoch Pratt Hospital, Baltimore, Md.

National District Bank, Washington, D.C. Milburn, Heister & Co., Architects.

American Woolen Co.'s Office Building, New York City (closets only). R. H. Robertson & Sons, Architects.

We display in our Show Rooms, modern plumbing fixtures to suit every class of building, and are often able to make helpful suggestions.

HAINES, JONES & CADBURY CO.

MAKERS OF PLUMBING SUPPLIES

1130-1144 RIDGE AVENUE PHILADELPHIA

BRANCHES - RICHMOND-SAVANNAH - SAN FRANCISCO

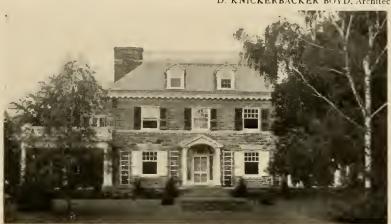
CHAMBERLIN METAL WEATHER STRIP

CHAMBERLIN METAL WEATHER STRIP

has been used by the Stephen Girard Estate for the equipment of over five thousand windows and doors.



RESIDENCE OF GRANVILLE H. LeMAISTRE, ESQ., MERION, PA. D. KNICKERBACKER BOYD, Architect, Philadelphia



RESIDENCE OF W. H. ROBERTS, ESQ., MOORESTOWN, N. J. WALTER SMEDLEY, Architect, Philadelphia, Pa.

CHAMBERLIN METAL WEATHER STRIP

is specified by the leading Architects and Engineers for Private Houses, Churches, Schools, Office Buildings and whenever and wherever comfort is desired.

CHAMBERLIN METAL WEATHER STRIP

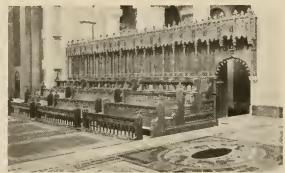
keeps out the snow and cold of winter, prevents the windows rattling and cuts down the fuel bill. In summer it keeps out rain and dust. It is the simplest, the most satisfactory and by far the most economical in the end. It does not deteriorate or wear out.



RESIDENCE OF WILLIAM H. WANAMAKER, ESQ., MERION, PA THOMAS, CHURCHMAN & MOLITOR, Architects, Philadelphia.

CHAMBERLIN METAL WEATHER STRIP CO.
708 Real Estate Trust Building PHILADELPHIA

A. E. SNOWMAN, Manager



IOHN BARBER Cabinet Maker

220 CHANCELLOR STREET, Phila.

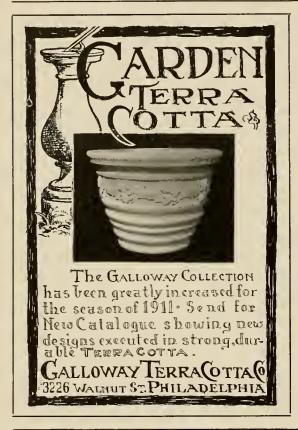
Maker of

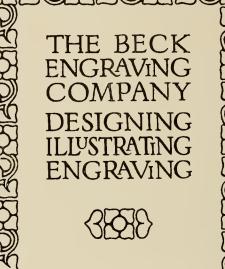
Choir Stalls and Bishop's Throne, Cathedral St. John the Divine, New York City.

Altar and Reredos, Church of the Holy Apostles, Philadelphia, Rood Screen, St. Luke's Church, Germantown, Philadelphia.

Organ Enclosure and Chapel Chairs in Lady Chapel, St. Mark's Church, Philadelphia.

Philadelphia.
Philadelphia.
Choir Stalls, St. Asaph, Philadelphia.
Choir Stalls, St. Asaph, Philadelphia.
Great Hall and Stairway, Crocker Residence, Ramsey, N. J.
Rood Screens, St. Thomas Church, Whitemarsh.
Rood Screen, St. Albans, Olney.









Residence of Mr. Sabin Woolworth Colton, Bryn Mawr, Pa. Mr. Horace Wells Sellers, Architect.

Heating and Ventilating System Installed by

BOWERS BROTHERS & CO.

Real Estate Trust Building

PHILADELPHIA, PENNSYLVANIA

Soon housewives will know



The woman who escapes from the tyranny and drudgery of oldfashioned, insanitary heating methods to that of cleanly, automatic heating is surely open to congratulations. Too many housekeepers are chained to brooms. dust-pans, and back-

breaking coal hods because of the relentless slavery to stoves and hot air furnaces. There's a way out-

are the only means of warming a house without adding to the labor of its care. outfits of IDEAL Boilers and AMERICAN Radiators are absolutely clean, will outlast the building itself; and the fuel and labor

savings soon repay their cost, and thereafter prove to be big profit-makers. Step into any sky-scraper office building or fine store and you will see they are

equipped with our outfits - the name of our Company you will find cast on the end of each radiator. It is an evidence of the high quality of our goods, also significant of the fact that men would not put up in their places of business with the annoying heating methods that their wives patiently endure.

To continue to use old-fashioned heating reflects upon the housewife robs her of the few hours per day which she should be able to devote to better things. Buy an outfit of IDEAL Boilers and AMERICAN Radiators and like thousands of others who have bought, you will joyfully pass the good word along. Don't wait to build a new home or until another Winter. Put comfort into your present house-now done without tearing up, or disturbing old heaters until ready to put fire in the IDEAL Boiler. Write us today for catalogue, "Ideal Heating Investments."



Showrooms in all

AMERICAN RADIATOR COMPANY Write to Dept. -40 Chicago

An Insurance Policy on Your Heating System

There are many reasons why you should consult us before you decide upon your heating system.

Here are five:

1. Age and Growth

Established 1888—Camden factory now covers more than 50,000 square feet of floor space.

2. Experience

More than 5,000 Webster Vacuum System installations in all types of buildings.

3. Organization Facilities

Branch offices in 23 principal cities to render co-operative service.

4. Efficiency of Products

Every Webster Specialty tried and tested.

5. Results

Results from Wester Vacuum and Modulation systems are guaranteed along certain lines, thus making each contract practically an insurance policy on the heating system. Send for our Insurance Policy Booklet.

WARREN WEBSTER & CO.

Main Office and Factory

Camden, N. J.

and 23 Branch Offices in Principal Cities

Philadelphia Office, 805-8 Stephen Girard Building



FRANCIS BROS. & JELLETT, Incorporated

PHILADELPHIA

ENGINEERS

NEW YORK

designed and supervised the construction of the complete Power Equipment, Heating, Ventilation, and Electric Lighting and other Mechanical features in the four prominent buildings shown in the above picture.

We refer to the Architects of Philadelphia.



Saylor's Portland Cement

The oldest American Portland and the only one receiving an award at the Centennial, 1876.

Used by the United States Government for Thirty-five Years

Coplay Cement Manufacturing Co., Coplay, Pa.

SALES OFFICES: - Pennsylvania Building, Philadelphia; Fifth Avenue Building, New York.

ROOF FIRES

Insurance Engineering in a recent issue discussed the above problem, and, among other interesting facts, stated:

"Fires that start on roofs of buildings are different from other fires. . . . There is no device to protect property owners against delays in the discovery of fires on roofs except a roofing material that will not support combustion."

And the roofing that stands this test is

EHRET'S SLAG ROOFING

Applied only by

Warren-Ehret Company

ESTABLISHED 1852

PHILADELPHIA

HOME OFFICE

Send for short specifications

PITTSBURGH . TRENTON

BALTIMORE

CE cifications E SCRANTON



MAIN STAIRCASE

Residence of MR. JOSHUA L. BAILY BAILY & BASSETT Architects

STAIRS, CABINET WORK, MANTELS, AND INTERIOR WOODWORK

Of Every Description Corefully Executed and Erected to Detail

DAMIEL ADAMS

2933 NORTH SEVENTH STREET

ESTABLISHED 1570

BOTH PHONES



Lawrence Visscher Boyd, Architect His own house with a lot of casement windows equipped with "Holdfast" adjusters

YOU ARCHITECTS SHOULD

Do likewise and abandon the old-fashioned, ugly and troublesome "guillotine" or double-hung sash and adopt casements for your own houses and your progressive clients' houses.

OUR "HOLDFAST"

Adjuster, likewise our "Bulldog" and "Droplock" adjusters are fast making casements famous and popular for American conditions. No more screen and curtain troubles. See pages 636, 637 in "Sweet's" and get our casement window hand-book.

Casement H'dw. Co., 175 N. State St., Chicago



A CORNER IN THE POOLEY CO. STUDIO

Pooley Company

FURNISHERS AND DECORATORS

Designs for the complete furnishing and decorating of Residences, Clubs and Hotels submitted.

References: New York Hotels—The Plaza, St. Regis, Ritz-Carlton, Waldorf-Astoria, Knickerbocker, Rectors, Manhattan. Philadelphia— Bellevue-Stratford, Union League. Chicago— La Salle. San Francisco-Fairmont, Etc.

Studios

Madison Ave. and 31st Street 1815 Michigan Avenue Chicago Factory, 17th and Indiana Avenue . Philadelphia

New York City Chicago

Otis Elevators

REPUTATION is made only after customers have been satisfied with the service and the results obtained from the products they purchase. After fifty-five years of accurately fulfilling our contracts and giving to our customers the best possible service, we have become the recognized manufacturer of elevators throughout the world.

Otis Elevator Company

Offices in all Principal Cities



RECEPTION ROOM IN LATE EIGHTEENTH CENTURY STYLE

FURNITURE
INTERIOR WOODWORK
DRAPERIES

DECORATIONS
WROUGHT METALS, MOSAICS
STAINED GLASS

WALL PAPERS
COMPLETE TREATMENT OF INTERIORS

A Large Collection of Fine Old English Furniture Always on Hand Your Inspection is Cordially Invited

THE HALE & KILBURN COMPANY

1315 WALNUT STREET
PHILADELPHIA

Rutan & Russell Architects Pittsburg



Stained with Cabot's Shingle Stains

CABOT'S SHINGLE STAINS

The original shingle-stains and known by every architect to be standard and reliable. Clear, transparent colors. No tawdry or muddy effects, no blackening; no kerosene, but Creosote "the best wood preservative known."

CABOT'S SHEATHING AND DEAFENING QUILT

Cold-proof, heat-proof and sound-proof. A scientific and sanitary heat insulator and sound deadener for all buildings.

CABOT'S WATERPROOF BRICK AND CEMENT STAINS

For rainproofing and coloring brick and cement walls, or for rainproofing only where no coloring is required. No painty effects.

Samples and full information on request.

SAMUEL CABOT, Inc., Manfg. Chemists, Boston, Mass. SAMUEL H. FRENCH & CO., Agents, Philadelphia, Pa.

GIANT PORTLAND CEMENT



Used in the Great Hudson Tunnels and New Terminal Station of the Pennsylvania Railroad, New York.

The cement that will meet standard specifications. The cement to use in every type of architectural work requiring mortar or concrete. Send for our free booklets on buildings of moderate cost.

LESLEY & TRINKLE CO.

PENNSYLVANIA BUILDING

PHILADELPHIA

Conkling-Armstrong Terra Cotta Co.



UNITED ILLUMINATING BUILDING, NEW HAVEN, CONN. FOOTE & TOWNSEND, ARCHITECTS

The Terra Cotta is Made of Cream Glaze Polychrome

MANUFACTURERS OF

ARCHITECTURAL TERRA COTTA

PLAIN-ENAMELED-IN COLORS

Works:
PHILADELPHIA
Telephone Connection

Offices:
BUILDERS' EXCHANGE, Philadelphia
1135 BROADWAY, New York



VULCANITE PORTLAND **CEMENT**

"The Brand with a Reputation"

Slow Setting RAPID HARDENING The Economy of Portland Cement

Send for the Following Educational Pamphlets, by Albert Moyer (Assoc. Am. Soc. C. E):

No. $4-{\rm Hair}$ Cracks and Crazing on Concrete Surfaces. No. $6-{\rm Economical}$ Selection and Proportion of Aggre-

No. 7—Cement Sidewalk Paving, Method of Construction.;

No. 8-Reinforced Concrete Residences (by Benj. A.

Howes). No. 9—Uses of Mineral Oil Mixed Concrete.

No. 10—Concrete Surface Finishes.

No. 11—Concrete in the Country, 112 pages (Assn. Am. Portland Cement Mfgrs).

Vulcanite Portland Cement Co.,

Main Sales Office: 200 Fifth Ave. (Mad. Sq.), N.Y. Main Office: Land Title Building, Philadelphia

THE "HIGGIN"

ALL-METAL WINDOW SCREEN

HAS MADE GOOD

It has been tested for fifteen years and is entitled to your confidence because of what it has done. It is no experiment. It has proven that it possesses all the good qualities of a Perfect Screen:

DURABILITY

EFFICIENCY

ECONOMY

THE HIGGIN ALL-METAL WEATHER STRIP

FULLY MAINTAINS OUR HIGH STANDARD

Catalog and Estimate Free

Agencies in all Large Cities

Philadelphia Office, 1314 Arch Street

THE HIGGIN MANUFACTURING CO., NEWPORT, KY.



"Nemours", the residence of Alfred I. du Pont, Esq., near Wilmington, Del

Painted with

Dutch Boy Painter White Lead

(Dutch Boy Painter Trade-Mark)

White lead bearing the Dutch Boy Painter Trade-Mark and pure linseed oil is paint of exceptional merit, for interior and exterior work.



John T. Lewis & Bros. Co.

Lafayette Building :: :: Philadelphia



N. J., of the very highest grade throughout. Rigid specifications were drawn up which instructed that these buildings should be models of attractiveness, convenience and serviceability. Material was carefully selected from the bids of many competing manufacturers.

lighting circuits. Many of these panels have remote control features. Feeder panels at central points are furnished with a potential circuit to determine the drop in voltage at these points. The boards are also supplied with the new Edison Base Prong Key Receptacle for lighting the panel and testing the circuits to determine the location of dead fuses.

The magnitude of this panel board installation makes it the

most remarkable ever attempted.

This typical panel board is controlled by the new GE remote control switch, which is very compact and especially adapted for use in cabinets. The branch switches are of especially high grade, rigid construction. 30 ampere capacity. Finish, Blue Vermont Marble, Franes and door linings, chony as bestowood. Metal parts, drawn file finish.

That General Electric material was chosen for the wital part of the Prudential lighting installation is a significant fact. Together with the many other large buildings all over the country that we have equipped, it indicates the confidence of leading designers and builders in the quality of General Electric products.

GENERAL ELECTRIC COMPANY

Principal Office: SCHENECTADY, N. Y.

TWENTY#THRITY-FIVE YEARS & SERVICE

HE great textile mills located at Lowell, Mass., may safely be classed among the most important industrial plants of the world.

The buildings shown in the "River View" herewith have a roof area of over 1,500,000 square feet, while the Massachusetts Mills in the other view have a roof area of about 300,000 square feet.



Many of these roofs are now from 20 to 35 years old—on the Massachusetts Mills over one-third are in this class—and they are in good, serviceable condition to-day. Only one form of roof covering is used on the permanent buildings in these plants—and that is coal tar pitch, tarred felt and gravel, laid along the lines of *The Barrett Specification*.

What better recommendation can any reasonable man ask?

Buildings of this kind, containing valuable machinery, naturally require the very best roofs that can be obtained. Roofs laid along the lines of The Barrett Specification were selected because they give steady, unfailing service without care or attention. Neither acid fumes, nor interior humidity (which is so necessary to textile mills) do them any damage whatever.







ROOFS LAID ALONG THE LINES OF THE BARRETT SPECIFICATION.

The average cost of roofs of this character has been less than one-quarter of a cent per square foot of service—a most remarkable showing.

To the owners of big buildings these figures should prove highly significant. Owing to this kind of service and low cost, more large buildings of the country are covered with this kind than with all other roofings put together.

Even in the old days, when gravel roofs were laid without any definite specifications, the results were almost invariably satisfactory and economical,

despite the wide variation in methods. To-day, however, the best and most economical method of laying a coal tar pitch, tarred felt and gravel roof has been standardized in The Barrett Specification. The character of materials and the procedure for laying them in place is outlined with great exactness. Absolutely certain results are now assured, and even better



records and lower average costs may be looked for in the future.

In planning your roof, therefore, do not specify merely "A Gravel Roof," or "a five-ply tar and gravel roof." Incorporate The Barrett Specification entire in your specification, and avoid any misunderstanding and slack methods.

A copy of this Specification will be mailed on request to any architect, engineer, or to anyone interested. Address our nearest office.

BARRETT MANUFACTURING CO.

New York St. Louis Kansas City Chicago Cleveland Minneapolis Philadelphia Pittsburg New Orleans Boston Cincinnati Seattle

London, Eng.

CANADIAN AGENTS

THE PATERSON MFG. CO., Limited
Montreal Toronto Winnipeg Vancouver

THE CARRITTE-PATERSON MFG. CO., Limited St. John, N. B. Halifax, N. S.



Corbin Anti-Panic Door Fixtures

are a protection against alarm and an evidence of thoroughness in safeguarding audiences. Different types are provided covering all requirements from the modest country school house to the most elaborate city edifice.

Sold by all Dealers in Corbin Hardware

Catalogue K-33 containing illustrations and descriptions sent upon request

P. & F. CORBIN :: New Britain, Conn.

P. & F. Corbin of New York, 106-110 Lafayette Street
Contract Department, 39 W. 38th Street
P. & F. Corbin of Chicago, 104-106 Lake Street
P. & F. Corbin, Philadelphia, N. W. Cor. 8th and Arch Sts.





INTERIOR DECORATIONS

Wall Fabrics & Papers Drapery & Laces
Especially Designed Handwoven Rugs & Carpets
Classic Furniture Interior Furnishing

Plain & Decorative Painting

Estimates Furnished from Original Designs or Architect's Drawings

JOHN WANAMAKER

NEW YORK

PHILADELPHIA

PARIS





TREATMENT FOR A GEORGIAN DRAWING ROOM

Architect's designs intelligently and carefully carried out. Special Mural decorations designed and executed by our own Artists in Paris. Special commissions for the purchasing of rare furniture, antique tapestries and objects of art will be executed through our Paris Bureau.

Mantels, Fire-places, Tiles, Rare Marbles & Hard-wood Floors

JOHN WANAMAKER

PHILADELPHIA

NEW YORK

PARIS



Residence of W. C. Melcher, Esq., Germantown, Philadelphia. Savery, Schutz & Savery, Architects.



Residence of H. M. Nathanson, Esq., Rydal, Pn. Horace Trumbauer, Architect

The Makin Kelsey Fresh Air System of Heating

Is Specified by Leading Architects

Because clients are guaranteed warm houses. Because unsightly, dust collecting radiators are not required.

Because there are no pipes to freeze, no valves to leak. Because there is absolutely no dust or gas.

Because there is no dead, warmed-over air. Because fresh air properly warmed and enough for heat and ventilation is forced into every room.

Because for small houses, the largest and finest class of city or country residences, churches and schools, there is no other system of heating at any price that is so healthful, economical

and easily managed.
BECAUSE 40,000 KELSEY WARM AIR GENERA-TORS have been sold to home owners with results that have caused them to be recommended most highly.

Investigate the Kelsey Mechanical System for large residences, churches and schools.



THE MAKIN HEATING CO.

KELSEY HEATING CO.

MAKERS SYRACUSE, NEW YORK

SHELLENBERGER & SMITH

302-3 BUILDERS' EXCHANGE PHILADELPHIA, PA.

TILE

SLATE

BRICK

ROOFING AND FLOOR

ROOFING AND STRUCTURAL FACE, ENAMEL AND PAVING

SEWER PIPE AND FLUE LINING



PHILA. REPRESENTATIVE
FERDINAND KELLER
216 S. NINTH ST.

THE ENOS COMPANY

MAKERS OF

Lighting Fixtures

36 West Thirty-seventh Street NEW YORK

Arts and Antiques Originals of Period Furniture and Replicas

to to

FERDINAND KELLER

216-224 S. Ninth Street

PHILADELPHIA, PA.

BRANCH—1207 Walnut Street Phone, Walnut 2885

W.John Stevens inc.

Ask Your Architect

When it comes to the point of working out his plans in wood, stone and metal, TO ASK US TO ESTIMATE.

The aims of owner and architect are alike, honest, thorough construction that will not only LOOK right but LAST right, at the lowest cost consistent with good work.

We please them both.

W. JOHN STEVENS, Inc.

Bell Phone, Ogontz 303 A Keystone, Jenkintown 88

OAK LANE BRANCH 1306 CITY LINE

WATERPROOFING

The Responsibility is Reduced to a Minimum by the use of the following

SPECIFICATION

"Cement used, to be waterproofed by the

McCormick Process Shamrock Brand"

THE

ACCEPTED STANDARD WATERPROOFING OF THE WORLD

CORMICK WATERPROOF Executive Offices
NEW YORK
92-4 Liberty Street
ST. LOUIS, MO.

CHICAGO
161-3 Randolph St.

EMENT
PITTSBURG
Keystone Bldg.

REGISTERS—VENTILATORS GRILLES-SCREENS-TABLETS



Fine Ornamental Bronze

of

"T. & B." Quality

Special Grilles
Over 400 Designs

Established 1840

Tuttle & Bailey Mfg. Co.

Boston

New York

Cleveland

Chicago

Bridgeburg, Canada

THOMAS REILLY

CONTRACTOR AND BUILDER

1616 Thompson Street

Philadelphia

PITTSBURG OFFICE: 5856-72 ELLSWORTH AVE., E. E.

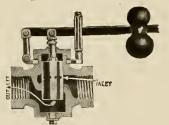




McDANIEL IMPROVED STEAM TRAPS

are especially adapted for draining steam separators and high pressure mains. Also good for steam heating. All working parts are attached to the bonnet, and are removable with it. Valve outlets are large, to give rapid discharges of condensation.

WATSON Reducing VALVE



With WEIGHT and LEVER is metal throughout all its parts. The most durable valve made. Nothing to give out or break, and simple in construction,

WATSON & McDANIEL CO.

152 N. Seventh St., Philadelphia, Pa. SEND FOR CATALOGUE

Stanley's Ball Bearing Hinges

IN

Wrought Bronze and Wrought Steel

CAN BE RECOGNIZED BY THIS

S.W.

MARK

Which is a Guaranty of Quality

THE STANLEY WORKS

NEW BRITAIN, CONN.

100 Lafayette Street NEW YORK 15 Lake Street CHICAGO

EDWARD P. FLANNERY

JOHN N. GILL & CO.

BUILDERS

Rooms 312-313 Heed Building

PHILADELPHIA

. - . -

1213-15 Filbert Street

Bell Telephone, Filbert 47-32

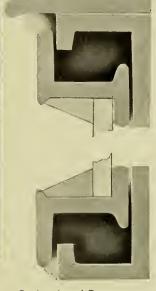
Keystone, Race 30-79

Have You a House on Your Boards?

Then you want Iron Casement Frames. We are competing with the English Casement Manufacturers of Iron Casement Windows. We furnish Casements at



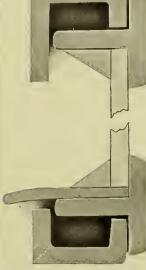
Casement opens out



Section view of Casement, opens out



Casement opens in



Section view of Casement, opens in MANUFACTURED BY

short notice. These windows can be set in place by any carpenter.

HAVE YOU A CHURCH ON YOUR BOARDS?

Our Pivoted Sash

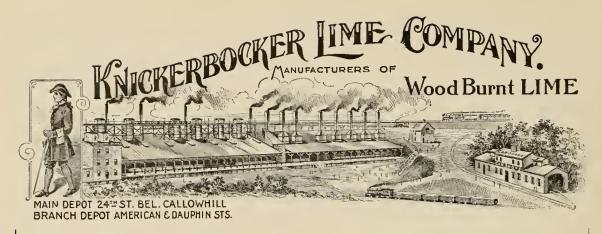
is approved, specified and insisted upon by leading Architects.

See "SWEET"S" Pages 510-511

We make products of all kinds of wrought iron: Sash and Side-Hung Casements, Ventilators, Skylights, Domes, and all other kinds of wrought iron work used in the leaded glass trade, the Deissler Improved Pivoted Ventilating Sash for Stained Leaded Wire and Plate Glass.

P. DEISSLER & BRO., 249 S. Sixth Street, Philadelphia, Pa. ESTABLISHED 1884

Send for our Illustrated Catalogue and Price List



Building Lime

Bar Sand and Gravel

Mortar Colors

Hydrated Lime

All American Portland Cements

Cement Stains

Concrete Stone

Atlas White Cement

Corner Beads Wall Ties

Ready Finish Plaster Paris Expanded Metal

Keene's Cement

White Sand

Plastering Lath

Hy-Rib

Mixed Mortar

King's and Keystone Hard Wall Plasters

Waterproof Trus-Con Finishes

THE DE FRAIN SAND CO.

BUILDING MATERIALS

Beach and Berks Streets : : : Philadelphia

DELIVERIES BY BOAT, RAIL OR TEAM



ECAUSE of the fact that the art or science of efficient and decorative lighting is a comparatively recent development, we find today, particularly in residence lighting, a very great number of inefficient installations. The idea of the architect and the builder of a few years ago seemed to be that an electric lighting fixture should either be, at the one extreme, the cheapest thing which could be installed, or, at the other extreme, the most decorative, without any thought as to its value from an illuminating standpoint; consequently, there are a great number of dwellings at present using Electric Light in which the fixtures, though perhaps satisfactory from the standpoint of general fitness, with respect to the decorations and general scheme of an apartment, are most unsatisfactory from the standpoint of illuminating value.

Through the efforts and co-operation of the electric lighting companies and the manufacturers of lighting reflectors, we are now able to offer glassware which, because of its special design, furnishes efficient and economical illumination, even though the fixtures upon which

they are placed are incorrectly designed and made. This is only a part of our Illuminating Engineering Service, which is a free service to our customers and to the public. We would be very glad to consult with architects at any time upon electric lighting installations which they may be designing, and we feel certain that the co-operation of the architect with the lighting company upon this important subject, would result in infinitely more satisfactory and economical illumination.

All architects who are designing properties requiring Electric Service for Light or Power should safeguard their clients in the matter of expense by consulting this Company in all matters electrical. The architect who specifies the installation of a private plant before thoroughly investigating the economy of Philadelphia Electric Service, is deliberately sacrificing his clients' interests. This Company makes no charge for comprehensive tests and estimates.

A phone call or letter addressed to The Philadelphia Electric Company, 10th and Chestnut Streets, will receive immediate attention.



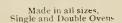
"The House of Comforts"

F you have not already been introduced, permit us to present three well-known members of "The Spear Family," who are always ready to give you the most efficient service. Looking to a better acquaintance, we solicit an opportunity of advising with you and estimating on your requirements. We have a stove for every purpose. Our motto always: "Durability—Efficiency—Economy of fuel."

Send for our booklets, list of users, or better still, for our personal representative.

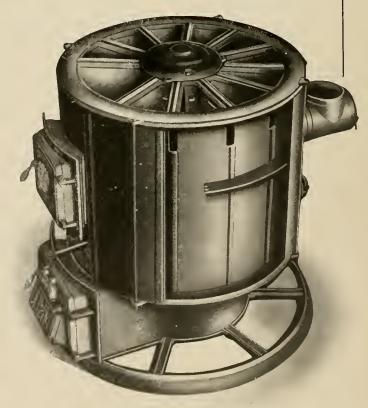
James Spear Stove and Heating Co.

1014-16 Market St., Phila., Pa.





SPEAR'S WATER HEATER AND LAUNDRY STOVE Style A



SPEAR'S NEW WARM AIR DISTRIBUTOR With section of Inner Casing out and showing top of Heat Flues





These Four Architectural Specialties of

BERRY BROTHERS

—Are Unequalled —

Liquid Granite

For Floors, Bath Rooms, Etc. Luxeberry Wood Finish

For finest interior woodwork

Elastic Outside Finish

For Front Doors

Elastic Interior

Finish For interior woodwork exposed to severe wear





BERRY BROTHERS, Limited

Philadelphia Branch, 26-28-30 N. Fourth St. FACTORY . DETROIT, MICH.



D. S. VAN ANTWERP, ARCHITECT, MONTCLAIR, N. J.

CONCRETE is the logical building material, and Atlas Portland Cement, the logical cement from which to make the best concrete. "Atlas" is the cement bought by the U.S. government for the Panama Canal. We also make Non-Staining Atlas-White Portland Cement.

Write for any or all of these books:

Concrete Construction and on the I Concrete Houses and C	arm .	Vol. 1.	Large		Free \$1.00 1.00
Concrete in Highway Reinforced Concrete	Construction Factor	tion ry Cor	natruc	٠.	1.00
Concrete in Railroad	Construc	tion			1.00
Concrete Cottages					Free
Concrete Garages .					Free
Atlas-White Pamphle					Free

If your dealer caonot supply you with Atlas, write to THE ATLAS PORTLAND CEMENT CO. DEPT. 57, 30 BROAD ST., NEW YORK

Largest output of any cemeot company in the world. Over 50,000 barrels per day



JOHN F. HUNEKER, President



CONTRACTORS FOR PLAIN PAINTING

AND

DECORATING

HUNEKER & SON, Inc.

Sansom and Sixteenth Streets

Philadelphia

KOLL'S PATENT LOCK JOINT COLUMNS



Suitable for Pergola Porches or Interior Use



Are Made Exclusively by

Hartmann-Sanders Co. 2155 Elston Avenue Chicago, Ill.

> Eastern Office 1123 Broadway New York City

Send for Catalogue 40 of Columns or 27 of Pergolas and Sundials

SEE ALSO "SWEET'S INDEX"

Wm. J. Mitchell

George W. Mitchell

Harry C, Mitchell

MITCHELL BROS.

CARPENTERS
BUILDERS AND CONTRACTORS

No. 2125 Race Street PHILADELPHIA

Jobbing in all branches of the building trades promptly

PHONES:-Bell, Locust 812; Keystone, Race 2984

Carved Banel in Caen Stone, Christ Church, Norfolk, Va. Size, 10 x 4. ft.



Notice

Moned to larger and more commodions quarters, 900 Oxford Street. One-half city block from Columbia Avenue Station, Philadelphia & Reading Railway. Trains from Terminal every 3 minutes. Fare, 5c.

Garden Furniture

Builders of Altars, Communion Rails, Pulpits, Fouts, Litany Desks and Screens in Stone, Wood and Composition :: ::

I. Franklin Whitman President and General Manager

Carving and Modelling

Scale Models, Ornamental Ceilings and Side-Wall Decurations in Plaster, Papier-Mache and Composition, Stone and Wood Carning :: :: :: ::

John E. Brackhouse Nice-President and Superintendent

The Whitman Studios

Memorials and Decorations in Stone, Wood and Plaster

900 Oxford Street

Philadelphia



Stephens Memorial Library, L. Vischer Boyd, Architect.

The use of **SARGENT**

Hardware on buildings of this character attests the excellent manner in which it performs the dual function of serving adequately and adorning consistently—a combination essential to ultimate satisfaction.

SARGENT & COMPANY

Philadelphia Office
716-17-18 WITHERSPOON BLDG.

Works
NEW HAVEN, CONN.

You Can Have Our Assistance

Wouldn't it help you a bit if you could get rid of some of the detail of your work?

We can relieve you of at least some of your troubles if you will give us the chance-

We will look after the finishing of the interior wood work for you, and see that the proper results are secured in accordance with your specifications.

All that is necessary is for you to specify our varnishes by brands, notify us that you have done so and we will then work with the painter and assist him in getting the results which you and your clients desire.

The quality of Elastica Architectural Finishes must be right before leaving our factory; this is an assurance of uniform and pleasing results.

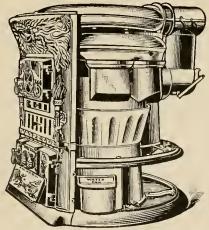
Elastica Architectural Finishes are the result of years of experience and are known everywhere for their excellent quality. The three Elasticas cover your entire varnish requirements. Elastica No. 1 for outside, Elastica No. 2 for inside and Elastica Floor Finish for all floors.

We are always ready to co-operate with you. Call on us at any time.

STANDARD VARNISH WORKS

New York : Chicago : London : Berlin Brussels : Melbourne

INTERNATIONAL VARNISH CO., LTD. - TORONTO, CANADA



SPECIAL NOVELTY HEATER

For hard coal, for soft coal or for coke. Heavy all-cast iron construction.

THE NOVELTY SYSTEM OF HEATING AND VENTILATING

For the special attention of architects and their clients, and of the owners of homes that are not properly heated:

A great change in the method of heating the better class of residences is at hand. The next step forward in house construction will be FORMAL VENTILATION in connection with heating. There is now under way a great national movement for the promotion, through the Warm-Air-Heater System, of the healthful heating and ventilation of residences. It will soon be considered a barbarous and an uncivilized thing to construct a residence without any formal provision for ventilation.

In no other way is it PRACTICABLE to ventilate houses except in connection with proper warm-air-furnace heating.

No other manufacturer is so well prepared as we are to equip architects and heating contractors with the apparatus, the knowledge, the rules and the directions necessary to enable them to become expert, practical heating and *ventilating* engineers.

The Novelty Furnace Handbook is the only manual in existence that gives clear, complete, definite, practical rules for installing warm air heating and ventilating plants. No other manufacturer than ourselves assumes complete responsibility for every plant installed in accordance with his rules.

If your furnace dealer installs for you a NOVELTY FURNACE in accordance with the rules of the NOVELTY SYSTEM you will be absolutely sure to have a perfectly heated and healthfully ventilated house.

This is an age of sanitation, and from the standpoint of healthfulness, warm air furnace heating is immeasurably superior to direct water or steam heating.

Every authority on ventilation, every competent heating engineer, every physician who has given the question the slightest study, condemns direct steam or water heating as being in violation of nature's laws. There is no division of opinion among those who speak with authority on this subject; they agree without a dissenting voice that the only proper way to heat an apartment is by pouring pure warm air into it.

To architects and to their clients, upon whom will devolve the selection of heating apparatus for their residences, we will be glad to mail the most attractive and interesting book ever issued in the heating business—"ONE HUNDRED HEALTHFULLY HEATED HOMES."

ABRAM COX STOVE COMPANY

PHILADELPHIA

CHICAGO



DENCKLA OFFICE BUILDING, 11th and Market Streets, Phila. John T. Windrim, Architect

Bricks and Terra Cotta

UR line of Bricks is equal in every respect to any in the country. In our Exhibition Rooms, at the Builders' Exchange, South Seventh Street, and also at our other offices, we show, laid up in mortar, some sixty colors, from the plain conventional red to the white in smooth and rough texture. One can not fail to be impressed with our variety. Together with

the bricks, we are able, with our own Terra Cotta Plant, to manufacture Terra Cotta to match in color and texture any combination that may be required. Few, if any, are so completely equipped in this respect. Our force is at your command.

O. W. KETCHAM

24 SOUTH SEVENTH STREET, Philadelphia

Baltimore, Md.

1170 Broadway, New York

Washington, D. C.

Factory, Crum Lynne, Pa.



Roofing Tile

Roofing Tiles, like all clay products, have been made in the most mechanical way, producing lines and colorings so uniform that the best of them can easily be imitated with a cheap material. From observations we have concluded that the mind of the architect is gradually leaning toward that which can not easily be duplicated. There is nothing that enhances a building more than its roof, one that is individual in itself and altogether unlike the other fellow's. We are making these of different surfaces, all colors and sizes. The surface and coloring lend an effect most charming and rich in character.

O. W. KETCHAM

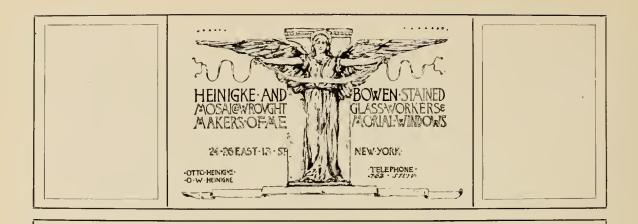
24 SOUTH SEVENTH STREET, Philadelphia

Baltimore, Md.

1170 Broadway, New York

Washington, D. C.

Factory, Crum Lynne, Pa.



WILLIAM R. DOUGHERTY

Carpenter
Builder and
Contractor

1608-1610 SANSOM STREET PHILADELPHIA, PA.

TELEPHONE CONNECTION

Bell, Spruce 5389

Keystone, Race 748

KELLER-PIKE COMPANY

1213 Race Street

Mechanical and Electrical Engineers and Contractors

Philadelphia

Telephone Exchanges

Lighting and Power Plants

Interior Wiring

Pole and Line Construction, Etc.

Add the Fireproofing that Safeguards Life and Contents to the Fireproofing that Safeguards the Building's Exterior



HERE is no word in the English language more abused and misinterpreted than the term "fireproof!" Misplaced confidence in this term—especially when preceded by that safe sounding adjective "absolutely"—is today more responsible than any other one thing for loss of human life and property by fire.

Fireproof exterior walls and floors are necessary to the protection of the building itself, but the only kind of fireproofing that will protect life and valuable contents is interior fireproofing.

Interior fireproofing means the replacing by steel of wooden doors, partitions and trim, as exemplified in its highest efficiency by

DAHLSTROM METALLIC DOORS AND TRIM

With this basic principle of fireproofing thus provided for, the possibility of any loss of life through fire is an utter impossibility—the ravages of flames will be of no significance other than in the room in which they originate.

The time is near when fire codes everywhere will forbid the use of the term "fireproof" with reference to buildings with fireproof exteriors only. And what is more, and important from a standpoint of investment, such a building erected today will soon grow to be shunned by tenants and occupants, due to the rapidly extending realization of what constitutes fireproof safety in a building—fireproof in reality—not in name.

"BUILDINGS AS THEY SHOULD BE"

a book, points a way, tells how the climination of the fire hazard is possible by the installation of Dahlstrom Metallic Doors, Partitions, Trim, etc. It pietures buildings which are fireproof, structures not even carrying insurance, fireproof buildings in "reality"—not in name. To the interested a copy is free for 6 cents postage.

Dahlstrom Metallic Door Co.

THE DAHLSTROM PRODUCTS

Executive Offices and Factories: Blackstone Ave., Jamestown

Branch Offices in All Principal Cities

Philadelphia Representative

COOPER & LUCAS

Real Estate Trust Bldg.

Both Phones

FRANK E. WALLACE

CARPENTER and BUILDER

All Kinds of Jobbing and Repair Work

1210 SANSOM STREET PHILADELPHIA

Silver Lake A Sash Cord

Will Wear Much Longer Than Any Other
Device for Hanging Windows



Our Name is Stamped on Every Foot of Our Cord

It is made from extra quality fine cotton yarn braided hard, smoothly finished, and every foot is carefully inspected.

Ask us for our special certificate of guarantee to you and save your clients trouble and expense by specifying SILVER LAKE A SASH CORD.

SILVER LAKE CO. BOSTON, MASS.

Alfred C. Watson

John Robinson

Watson & Robinson Wood Working Mill

49 to 63 Queen St., Germantown Philadelphia

Being fitted up with the latest improved machinery, dry kiln, etc., we are prepared to furnish the best quality of work on the most reasonable terms.

Estimates furnished

STAIR BUILDING, MANTELS, FINE CABINET and INTERIOR WOODWORK OF EVERY DESCRIPTION

WINDOW AND DOOR FRAMES

SASH, SHUTTERS, BLINDS WOOD MOULDINGS

1851 Sam'l W. Leinau

M. Leinau 1881 to 1901

Roberts Leinau 1901

Roberts Leinau

PLUMBING AND
GAS FITTING
STEAM AND HOT
WATER HEATING

No. 111 South Seventh Street
Branch Shop, 3438 North Twentieth Street

Both Phones

Philadelphia

CARRERE & HASTINGS
Architects



JAMES WALL FINN Interior Decorator

PRATT & LAMBERT INCORPORATED

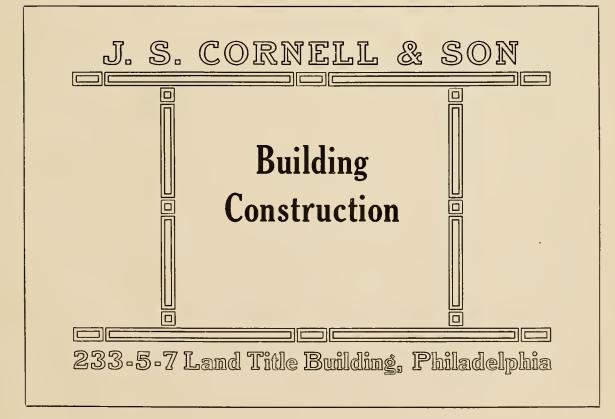
"Britannia Vitralite"
The Long Life Enamel

MADE BY PRATT & LAMBERT

Was used on above building

Factories

New York Buffalo Chicago London Paris Hamburg Bridgeburg, Canada



DEXTER

PORTLAND CEMENT

The Highest Standard Attainable



EVERY BAG ALIKE

Cement Stucco and Surface Finish Work cannot be satisfactory unless the color, working qualities, setting time and strength of the cement are always the same—DEXTER.

SOLE AGENTS

SAMUEL H. FRENCH & CO.

York Avenue, Fourth and Callowhill Streets

PHILADELPHIA

Phones, Bell, Market 1924

ESTABLISHED 1844

Keystone, Main 1221

FRENCH'S

"Quality First"

FRENCH'S CEMENT COLORS

Permanent, Lime Proof, Strong
Dry Colors for Coloring all Cement Mixes

PEERLESS



Brightest, Strongest, Unfading

Manufactured in pulp form only, for coloring and tinting Lime Mortar, Cement Mortar and Interior Wall Plaster

BUCK WHITE LEAD

The Best White Paint

FRENCH'S VARNISHES

Durable, Elastic

TILE, MANTELS, FIREPLACE

FIXTURES

MARVELO WALL PAINT

An Oil Paint producing the soft velvet effect of water color

CONCRETO CEMENT COATING

A paint for concrete and brick buildings

FIREPROOF COLD WATER
PAINT

INDELIBLO WASHABLE COLD
WATER PAINT

CALCIMO SANITARY WALL
COATING

A powder that mixes with cold water and guarantees satisfactory results

SAMUEL H. FRENCH & CO.

Paint and Varnish Manufacturers

Established 1844

PHILADELPHIA, U.S.A.

That New Residence Should Have an All-Gas Kitchen:



holders are particular. They make comparisons. After investigation they invariably select GAS for cooking, heating water and ironing all the year round.

And they appreciate the services of architects who provide in their plans for the use of <u>GAS</u> along most approved lines.

The kitchen should always be included in the house heating plans. A radiator there adds little to the builder's outlay. And it enables the owner to enjoy <u>GAS RANGE</u> economy and convenience in winter as in summer—to secure better cooking results, to keep the kitchen clean and to avoid handling coal and ashes in any season.

The next important thing is to provide sufficient range space in the kitchen to accommodate a <u>Cabinet Gas Range</u>—at least 60 inches. Should less space be left, the householder would have to use either the double-oven or the elevated-oven range which lack some of the attractive features of the Cabinet type.

We recommend the <u>Cabinet Range</u> because we know it is most favored by housewives and cooks.

FOR SECURING hot water the Automatic Instantaneous Gas Water Heater surpasses any method ever devised. No coal range is necessary. The heater is in the cellar, out of sight and out of mind, always ready to supply scalding water in any quantity at any time by turning on any hot water spigot in the house.

We beg to remind you that a <u>Plate Warming Closet</u> in the butler's pantry, heated by a <u>Gas</u> burner, is a simple matter to arrange for and is sure to please the residence owner.

Gas hanging fixtures and brackets, equipped with selflighting devices, are made to conform to every need and to suit any decorative scheme in home illumination. We are also able to demonstrate the most advanced systems of store and factory lighting.

Our special <u>new building man</u> will be glad to confer with you in regard to <u>Gas</u> piping or any of the latest methods of using <u>Gas</u>. Call on us freely for any data which

would be of use to you.

The United Gas
Improvement
Company



DIRECT CONNECTED ELECTRIC ELEVATORS EXCLUSIVELY

A. B. SEE

ELECTRIC ELEVATOR COMPANY

New York

Philadelphia

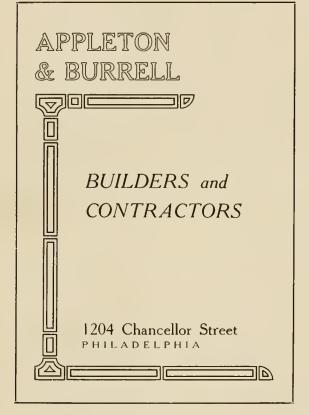
Boston

Ballimore

Washington

PHILADELPHIA OFFICE Land Title Building Broad and Chestnut Streets

Main Office 220 Broadway **NEW YORK** Factory, Pacific Avenue JERSEY CITY New Jersey



J. Geo. Dieterle

Mason Contractor

Estimates Furnished

104 WEST PENN STREET Germantown, Philadelphia

Superior Fire Brick, all Shapes and Sizes

Hard Building Brick, also Hollow Brick

SAYRE & FISHER CO. FINE PRESSED FRONT BRICK

In White, Ochre, Buff, Red, Gray, Brown, Old Gold and Mottled, Plain or Moulded

PORCELAIN BRICK

ENAMELED BRICK, all Shapes and Colors

PERSIAN BRICK

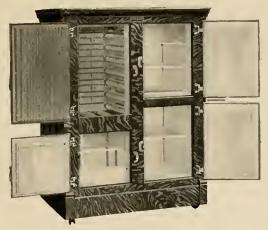
New York Office 261 BROADWAY

Works at SAYREVILLE, N. J. On Raritan River Telephone, 520 and 521, New Brunswick

Philadelphia Office 1215 FILBERT STREET W. L. McPHERSON, Agent

Brown Red Selected and Repressed Stretchers

Also Black End Headers a Specialty



THE KIND OF SERVICE THE REFRIGERATOR GIVES

Depends upon

- 1. How it is constructed
- 2. How it is installed

McCray Refrigerators

in stock sizes can be "built-in" the same as McCray built-to-order Specials.

Let us submit plans and specifications. At Architect's option, our expert workmen will make the installation.

Have you been supplied with our books? If not, phone Filbert 5104 or write

McCray Refrigerator Company

206 South 11th Street - - - Philadelphia, Pa.

GENERAL OFFICE AND WORKS KENDALLVILLE, IND

HERBERT W. GESHWIND

1213 FILBERT STREET

Philadelphia, Pa.

Reinforced Concrete

Fireproofing

Cement Paving

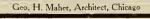
Waterproofing

Vitrified Brick Paving

Asphalt Work



Bailey & Bassett, Architects, Philadelphia



DEXTER BROTHERS ENGLISH SHINGLE STAINS DEXTER BROTHERS PETRIFAX CEMENT COATING

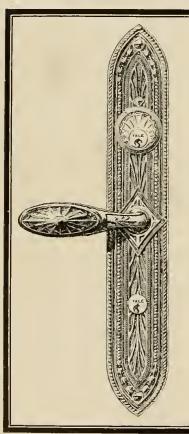
are made of pure English ground colors mixed with pure Linseed Oil and our wood preserving oils. Prolong life of shingles. Color will not fade. Special colors made to order without additional cost.

Let us send you booklets and color plates

for cement, brick and stucco exteriors. Without it rain and dampness are sure to penetrate, causing damage and unsanitary conditions. Petrifax produces a uniformity of color without destroying the texture.

Agents of all central points

Agent, JOHN D. S. POTTS, 218 RACE STREET, PHILADELPHIA





Hardware in the New Ritz-Carlton Hotel at New York

ALL of the Hardware in the Ritz-Carlton Hotel is from special designs by the Yale & Towne Mfg. Co. The "Ritz-Carlton Special Lock" embodies entirely new features in hotel locking systems and provides a degree of comfort and security to guests not hitherto attained.

We shall be very glad to furnish complete information to any architect.

The Yale & Towne Mfg. Co.

Special Exhibit Rooms for Architects at 251 Fifth Avenue, New York 9 Murray St., New York

Local Offices:

Chicago

Boston

Washington

San Francisco



Ferruccio Vitale, Landscape Architect, New York

ERE is a most convincing example of the attractive results possible where the landscape architect and the greenhouse architect work together.

The photograph at the top was taken on the estate of Mr. Dudley Olcott, Morristown, N. J.

Three other views are shown in our new catalogue, a copy of which we would be pleased to mail to you.



Erected for Mrs. Eleanor Graham, Santa Barbara, Cal.

Lord & Burnham Company

NEW YORK ST. JAMES BUILDING BOSTON
TREMONT BUILDING

PHILADELPHIA HEED BUILDING

CHICAGO THE ROOKERY

BOILERS and RADIATORS



for Steam and Hot Water Heating

MILLS Water Tube Boiler

Largest amount direct fire surface for the same fire-box area. Less fuel consumption for equal work.

MERCER Return Flue Boiler

Heating surface effective. Easily managed.

MENLO Round Fire-box Boiler

Maximum amount direct fire surface; high combustion chamber insuring proper fuel consumption.

Catalog sent on request

No. 24 Mills Steam Boiler

1225 ARCH STREET

THE H. B. SMITH COMPANY
PHILADELPHIA. PA.

TERRA COTTA ROOFING TILES

E offer for the consideration of the architectural profession our well-known line of Spanish, English and German shapes in natural red color and all the glazes, and in addition thereto, our Promenade or Quarry tiles in 6 x 9 x 1", 6 x 6 x 1" and 3 x 3 x 1" sizes.

LUDOWICI CELADON COMPANY

Philadelphia Office

1015 WEIGHTMAN BUILDING

It is of utmost importance when a fireproof hollow tile residence or building is decided upon, to specify

NATCO · HOLLOW · TILE

and to make sure that all tile accepted bears stamped upon it the word "NATCO" as shown below.

NATCO HOLLOW TILE is the highest-grade Terra Cotta Hollow Tile standardized to residence and all other constructions calling for outside walls of this material.



"NATCO" assures not only the utmost advantages of hollow tile construction, but simplifies to the greatest degree the operation of building.

This Company will be glad to furnish any information and assistance pertaining to fireproof hollow tile construction in any form.

NATIONAL: FIRE: PRØJFING : COMPANY:



ORGANIZED 1889

Philadelphia Office, LAND TITLE BUILDING

Offices in all principal cities

Twenty-six Factories

LX L PUMP & MFG. CO.

PATENTLES AND MAKERS OF

Simple Plumbing Specialtics

957-961 North Ninth Street 958-962 North Darien Street PHILADELPHIA, P.A.

PRODUCTS.

AIR COMPRISSORS, BEER PUMPS, ANTI-FREEZING CLOSETS, AUTOMATIC SIPHON TANKS, SEAT-ACTION and HIGH-TANK COMBINATIONS, HOPPER VALVES, HOPPER FLANGES, HOPPER VALVE RESTS, BEER-PIPE SUPPORTS, BASIN CLAMPS, SEWAGE EJECTORS, CELLAR DRAINERS, HOUSE and WELL PUMPS, and AIR and WATER REGULATORS.

MATERIAL.

In the manufacture of our goods we use only the best brass, copper and rubber, and well-seasoned lumber in our woodwork.

QUALITY.

We manufacture a line of *simple plumbing goods* of the very best quality, as our name " $1 \times L$ " implies; so that those who have used our goods all speak of them in the highest terms of praise as to their appearance and working qualities. In their construction we use no special washers, for our motto is "Simplicity."

"+XL" AIR COMPRESSOR OR BEER PUMP. The "1 X L" Air Compressor and Beer Pump is extensively used by doctors, dentists, barbers, hotel-keepers, and other users of compressed air.

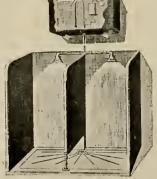
It is a quick producer of air, for in a few minutes you get the full pressure. It collects no slime, and gives a dry, pure and cool body of air at each stroke. It is not affected by muddy or gritty water, as there are only two washers on inside of compressor. It will reduce water rent about 60 per cent.

"IXL" ANTI-FREEZING CLOSET COM-BINATION. The "IXL" Anti-Freezing Closet Combination is guaranteed against freezing, if properly set. It consists of a low-down galvanized tank with lid; porcelain-lined oval-flushing rim hopper; finished oak swinging-seat, with equalized weight, self-closing hopper valve; valve rest; floor flange; bolts and nuts. All iron is galvanized. It has no flush pipe, no washers, and no fitting inside of tank; hence complete drainage of all water surfaces. It is quickly adjusted. Fasten tank against wall, couple to closef and it is ready for use.

"SURL"
URINAL COMBINATION.

The "Suri" Urinal Combination includes a "Suri" Automatic Siphon Tank (any size or style), N. P. flush pipe, brackets and "IXL" Urinal Sprays (one 8-gallon tank will feed eight sprays). It can be furnished with porcelain urinal, if desired.

Sprays are positive in action; throw a sheet of water against slab, with a downward force; will not splash, and keeps the floor dry. The mouth of sprays is so constructed that the slab forms the back of sprays, preventing the mouth from crystallizing.



"SURI" URINAL COMBINATION



"IXL" AIR COMPRESSOR



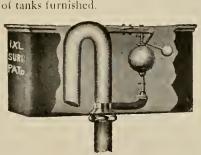
"IXL" ANTI-FREEZING CLOSET COMBINATION

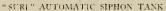


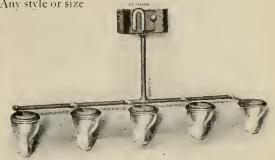
"IXL" URINAL SPRAYS

"SURI"
AUTOMATIC
SIPHON
TANKS.

These Tanks can be used for single Closet or Urinal, Latrines or Range Closets, or a Battery of Closets or Urinals. They are *positive* in action, and can be operated by a drop of water or the full pressure. Siphons are made in the following sizes: 11, 2, and 21 inches. Any style or size







"SURI" AUTOMATIC TANK, SHOWN CONNECTED TO A BATTERY OF CLOSETS

" SURO "
SEAT-ACTION
COMBINATION.

This Combination includes an 8-gallon "Suro" tank (any size), N. P. flush and rod casing pipes, brackets and clamps, swinging saddle-seat with equalized weight, "Suro" hinges and posts, porcelain closet (any style), floor plates, bolts, etc. When set in position, no parts can be tampered with. The seat action is positive; and tanks will give a full flush, with a displacement of 3 inches of water.

" POSITO "
HIGH-TANK
COMBINATION.

This Combination includes an 8-gallon "Posito" siphon tank (any size), N. P. flush pipe, brackets, clamps and chain and cut-glass pull, saddle seat and Iid, "Suro" hinges and posts, porcelain (any style) closet, floor plates, bolts, etc. It is positive in action.

" I X L " WATER OR AIR REGULATOR.

The "1 X L" Regulator for controlling any pressure can be used in conjunction with the "1 X L" Air Compressor or Beer Pump. It is quick in action, and does not labor in opening. It can be used for either water or air.

"IXL"
BEER PIPE
SUPPORT.

The Beer-Pipe Support prevents the breakage, kinking or flattening of the beer pipes. The pipes having a large radius lie in a channel of

the support; and, having a bell-shaped mouth, the support allows a full swing of the beer pipe in all directions, making it impossible for the beer pipes to flatten or kink. It can be adjusted while the pipes are in position.

PRICES.

Our prices are low, when you consider the quality of our products.

DISTRIBUTION.

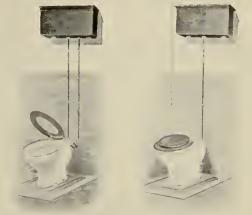
We sell to the trade only. Send for descriptive catalogue with prices and discounts.

GUARANTEE.

We guarantee all of our goods for one year (five, if necessary), to be positive in action, and to save water taxes.

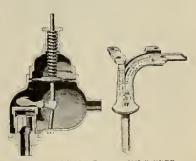
REFERENCES

Send for list of testimonials.



"SURO" SEAT-ACTION , CLOSET COMBINATION

"POSITO" HIGH-TANK COMBINATION



"IXI " WATER OR AIR REGULATOR

"IXL" BEER PIPE SUPPORT



To be sure of getting first quality sash cord, specify

SAMSON SPOT SASH CORD

and make sure you get the cord marked with our trade mark, "The Spots on the Cord." Spot Cord is made of extra quality stock, in one grade only, is carefully inspected, and is guaranteed to be free from the imperfections of braid and finish which make common cords wear out so quickly. It will outwear metallic clevices many times over, besides costing much less in the first place. We shall be glad to send full details, also samples, on request.



SAMSON CORDAGE WORKS, BOSTON, MASS.

THE "TECO-SANITAIRE" VITRO-CHINA SIPHON JET CLOSET



THIS CLOSET IN COMBINATION WITH A ROYAL FLUSH
VALVE AND OUR "SANITAIRE"
OPEN SEAT LEAVES NOTHING

This closet not only has a new design non-soiling flush rim, but the top has been much enlarged. The top view shows the extension on the front; also the recessed back making an actual opening in the top of sixteen inches in length.

HAYNES-THOMPSON COMPANY

TO BE DESIRED

PLATE 4702-A



Stephenson & Wheeler, Architects, New York

Don't Overlook the Greenhouse

No longer can the plea of lack of ornamentalness hold true now that the U-Bar houses have proven themselves so conclusively to the contrary.

We want to co-operate with you—that's our position. Co-operate freely and frankly. We will gladly come and talk things over with you, or will send you a catalogue—or both.

U-BAR GREENHOUSES

PIERSON
DESIGNERS AND BUILDERS



U-BAR CO.

1 MADISON AVE. NEW YORK



Residence of I. H. Silverman, Esq., Rydal, Pa.

Horace Trumbauer, Architect.

Complete and perfect electrical equipment of residences is our specialty. We scientifically arrange for modern lighting and the use of all electrical appliances.

J. F. BUCHANAN & CO.

1228-30 RACE ST., PHILADELPHIA, PA.

RICHARD C. BALLINGER

ERNEST R. YARNALL JOHN A. STRATTON

R. C. BALLINGER & CO.

BUILDING CONSTRUCTION

218 NORTH THIRTEENTH STREET

PHILADELPHIA



THESE PHOTOGRAPHS WERE MADE BY

THE ART DEPARTMENT OF AMERICAN SUBURBS

WHICH IS PREPARED TO FILL ORDERS FOR PHOTOGRAPHY IN ALL ITS BRANCHES
INTERIOR AND CONSTRUCTIONAL WORK EXECUTED WITH PROPER CARE AS TO DETAIL



D H 0 0 G R A

TO ARCHITECTS:

¶Let us demonstrate to you the practicability of concrete for the ornamental features of buildings.



HOWARD E. PEPPER BUILDING, THIRTY-THIRD AND WALNUT STREETS

¶ A Reinforced Concrete Manufacturing Building. Exterior of Brick with Concrete Base Courses, Sill Courses, Lintels, Cornices, Parapets and Doorways.

Turner-Forman Concrete Steel Company

Engineers and Contractors

1314 Arch Street PHILADELPHIA



FISHES FINE ARTS LITRARY

JUN 4 1996

UNIV. Of The Land





